

A detailed microscopic view of green plant fibers, showing their intricate, fibrous structure and natural green color. The fibers are arranged in a complex, overlapping pattern, creating a rich texture. The lighting highlights the natural sheen and organic nature of the material.

Gp

Green Polymer
Additives

Additives by Resin

CREATING VALUE for tomorrow, through all that we do today

From basics to semi-specialty and specialty chemicals, Emery Oleochemicals is dedicated to providing customers with best-in-class solutions through continuous product development and stringent quality standards. Derived from renewable resources, our products are predominantly made from natural oils and fats such as palm kernel oil and tallow. We pride ourselves on having a diverse portfolio of oleochemical products suited for a broad range of applications.

Our portfolio includes renewable solutions for the Agro Green, Bio-Lubricants, Eco-friendly Polyols, Green Polymer Additives, Home and Personal Wellness and OleoBasics markets.

Leading product innovation naturally

We are committed to CREATING VALUE for you with our combined strengths in global manufacturing footprint, research and development, distribution, marketing and technical know-how. Uniquely packaged, our competitive advantage enables us to offer you innovative and competitive solutions designed to meet your needs.

Guided by an inventive spirit that goes beyond providing high-performance solutions, we are able to help your business deal with the challenges of a market that is going greener by the day. This makes us your preferred natural-based chemical solutions partner.



Designing natural-based solutions in polymers for a better tomorrow

For over 60 years, we have been recognized as a leading innovator of a broad range of polymer additives with our high-performance natural-based chemical brands, LOXIOL® and EDENOL®. For having successfully improved our customers' product performance and processing efficiencies, our solutions today can be found in growth markets such as housing and construction, automotive, packaging and electronics. Our products are also known to enhance the quality of items for everyday life including toys and sporting equipment.

As your preferred partner with leading technical expertise, we offer customized solutions based on product groups such as lubricants, plasticizer and viscosity depressants, anti-static and anti-fogging agents, release agents, surfactants, green polyols and specialty fatty acids.

We remain committed to delivering the highest in quality standards and innovative solutions while building a sustainable tomorrow in polymers.

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Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Antiblocking / Slip Agent	LOXIOLO [®] E SPEZ P	Erucic acid amide	solid	78-84	0.5-1.0
Antiblocking / Slip Agent	LOXIOLO [®] OA SPEZ P	Oleic acid amide	solid	70-76	0.5-1.0
Antifogging Agent	LOXIOLO [®] A 2	Fatty acid ester compound	liquid	-	2.0-4.0
Antifogging Agent	LOXIOLO [®] A 4	Fatty acid ester compound	liquid	-	2.0-4.0
Antifogging Agent	LOXIOLO [®] A 4 SPEZIAL	Fatty acid ester compound	liquid	-	2.0-4.0
Antistatic Agent	LOXIOLO [®] 3366	Polyol partial ester	liquid	-	0.5-3.0
Antistatic Agent	LOXIOLO [®] 3380	Mixture based on polyglycol ester	liquid	-	0.5-3.0
Antistatic Agent	LOXIOLO [®] 80 X	Mixture of anionic and non-ionic compounds	liquid	-	0.2-2.0
Antistatic Agent	LOXIOLO [®] 93 P	Anionic compound	solid	-	0.2-1.0
Antistatic Agent	LOXIOLO [®] VPA 1726	Polyol partial ester	liquid	-	0.5-3.0
Lubricant, external	LOXIOLO [®] 1020	Combination lubricant	solid	105-109	0.2-1.0
Lubricant, external	LOXIOLO [®] 1820	Combination lubricant	solid	115-120	0.5-1.5
Lubricant, external	LOXIOLO [®] 1823	Combination lubricant	solid	115-120	0.5-1.5
Lubricant, external	LOXIOLO [®] 2050	Paraffin wax	solid	104-110	0.1-0.5
Lubricant, external	LOXIOLO [®] 2899	Polyol ester	solid	70-80	0.3-0.8
Lubricant, external	LOXIOLO [®] 3376	High molecular weight poly ester	solid	84-88	0.5-0.8
Lubricant, external	LOXIOLO [®] G 20	Fatty acid	solid	54-56	0.1-0.5
Lubricant, external	LOXIOLO [®] G 21 H	Fatty acid	solid	71-80	0.1-0.5
Lubricant, external	LOXIOLO [®] G 24	Polyol ester	solid	50-55	0.3-0.8
Lubricant, external	LOXIOLO [®] G 25	Polyol ester	solid	75-80	0.3-0.8
Lubricant, external	LOXIOLO [®] G 47	Wax ester	solid	60-64	0.3-1.0
Lubricant, external	LOXIOLO [®] G 70 S	High molecular weight poly ester	solid	55-58	0.2-0.8
Lubricant, external	LOXIOLO [®] G 71 S	High molecular weight poly ester	liquid	<-20*	0.2-1.0
Lubricant, external	LOXIOLO [®] G 78	Combination lubricant	solid	105-115	0.3-1.2
Lubricant, external	LOXIOLO [®] G 78 V	Combination lubricant	solid	100-110	0.3-1.2
Lubricant, external	LOXIOLO [®] GE 2063	Lubricant with co-stabilizing effect	solid	90-160	1.7-2.5
Lubricant, external	LOXIOLO [®] P 1508	PE wax	solid	90-140	0.05-0.2
Lubricant, external	LOXIOLO [®] P 1732	Combination lubricant	solid	100-115	0.3-1.2
Lubricant, external	LOXIOLO [®] P 2072	Combination lubricant	solid	100-130	0.5-1.5
Lubricant, external	LOXIOLO [®] P 62 I	Combination lubricant	solid	82-85	0.2-0.8
Lubricant, external	LOXIOLO [®] VPG 178 I	Combination lubricant	solid	90-100	0.8-1.2
Lubricant, external	LOXIOLO [®] VPN 960	Polyol ester	solid	62-68	0.2-1.0
Lubricant, external	LOXIOLO [®] VPN 963	Combination lubricant for C-PVC	solid	80-90	0.1-0.5
Lubricant, internal	LOXIOLO [®] 359 I	Combination lubricant	solid	100-108	0.2-1.5
Lubricant, internal	LOXIOLO [®] 895	Ester wax	solid	66-74	0.5-3.0
Lubricant, internal	LOXIOLO [®] G 10	Glycerol ester	liquid	<4*	0.5-2.5

PVC

PVC-FIELDS OF APPLICATION

Product	PVC-P				PVC-U			
	Extrusion	Calendering	Injection Moulding	Paste	Profile, Sheet	Pipe	Injection Moulding	Film
LOXIOLO E SPEZ P				x				x
LOXIOLO OA SPEZ P				x				x
LOXIOLO A 2	x							
LOXIOLO A 4	x							
LOXIOLO A 4 SPEZIAL	x							
LOXIOLO 3366	x	x	x	x				
LOXIOLO 3380	x	x	x	x				
LOXIOLO 80 X	x	x	x	x	x	x	x	x
LOXIOLO 93 P	x	x	x	x	x	x	x	x
LOXIOLO VPA 1726					x	x	x	x
LOXIOLO 1020					x	x		
LOXIOLO 1820					x			
LOXIOLO 1823					x			
LOXIOLO 2050					x	x		
LOXIOLO 2899	x		x		x	x	x	
LOXIOLO 3376					x		x	x
LOXIOLO G 20	x	x	x		x	x	o	
LOXIOLO G 21 H	x	x	x		x	x	o	
LOXIOLO G 24	x		x		x	x	x	x
LOXIOLO G 25					x	x	x	
LOXIOLO G 47					x		o	
LOXIOLO G 70 S					x		x	x
LOXIOLO G 71 S	x	x	x	x				o
LOXIOLO G 78					o		o	x
LOXIOLO G 78 V					o		o	x
LOXIOLO GE 2063					x			
LOXIOLO P 1508					x	x		
LOXIOLO P 1732					o		o	x
LOXIOLO P 2072					x			
LOXIOLO P 62 I								x
LOXIOLO VPG 178 I					x			
LOXIOLO VPN 960					x	x		
LOXIOLO VPN 963					x	x		
LOXIOLO 359 I	x	x			x	x		x
LOXIOLO 895					x	x	x	
LOXIOLO G 10	x	o	x	x				

* = pour point
x = very suitable
o = quite suitable

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Lubricant, internal	LOXIOLO G 10 V	Glycerol ester	liquid	<0*	0.5-2.5
Lubricant, internal	LOXIOLO G 11	Fatty acid ester of polyol	liquid	<-10*	0.5-1.5
Lubricant, internal	LOXIOLO G 12	Glycerol ester	solid	55-62	0.5-1.5
Lubricant, internal	LOXIOLO G 12-40	Glycerol ester	solid	55-61	0.5-1.5
Lubricant, internal	LOXIOLO G 12-40 V	Glycerol ester	solid	55-61	0.5-1.5
Lubricant, internal	LOXIOLO G 13	Fatty acid ester of polyol	liquid	<-10*	0.5-1.5
Lubricant, internal	LOXIOLO G 15 PULVER	Fatty acid ester of polyol	solid	83-87	0.5-2.5
Lubricant, internal	LOXIOLO G 16	Glycerol ester	liquid	<0*	0.5-1.5
Lubricant, internal	LOXIOLO G 40	Wax ester	liquid	<7*	0.2-1.5
Lubricant, internal	LOXIOLO G 41	Wax ester	solid	69-77	0.5-1.5
Lubricant, internal	LOXIOLO G 53	Fatty alcohol	solid	49-54	0.5-1.5
Lubricant, internal	LOXIOLO G 59	Ester wax	solid	68-72	0.5-3.0
Lubricant, internal	LOXIOLO G 60	Dicarboxylic acid ester	solid	44-47	0.5-3.0
Lubricant, internal	LOXIOLO G 62	Fatty acid ester	solid	50-55	0.5-1.5
Lubricant, internal	LOXIOLO G 63	Fatty acid ester	solid	50-55	0.5-1.5
Lubricant, internal	LOXIOLO G 72	High molecular weight poly ester	solid	43-47	0.3-1.0
Lubricant, internal	LOXIOLO GH 4	Combination lubricant	solid	76-81	0.8-1.5
Lubricant, internal	LOXIOLO P 1141	Glycerol ester	liquid	<0*	0.5-1.5
Lubricant, internal	LOXIOLO P 728	Polyol partial ester	solid	49-52	0.5-1.5
Lubricant, internal	LOXIOLO VPN 540	Saturated fatty alcohol	solid	55-58	0.2-3.0
Lubricant, internal + external	LOXIOLO EP 3500	Ca-stearate	solid	150-170	0.2-0.5
Lubricant, internal + external	LOXIOLO G 30	Wax ester	solid	46-49	0.5-1.5
Lubricant, internal + external	LOXIOLO G 32	Wax ester	solid	52-56	0.5-1.5
Lubricant, internal + external	LOXIOLO G 34 R	Ester wax	solid	53-58	0.5-1.5
Lubricant, internal + external	LOXIOLO GS 891	Combination lubricant containing metal soap	solid	95-101	1.5-2.0
Plasticizer	EDENOLO 1208	Polymeric plasticizer	liquid	-	10-60
Plasticizer	EDENOLO 1212	Polymeric plasticizer based on adipic acid	liquid	-	10-60
Plasticizer	EDENOLO 1233 SPEZIAL	Polymeric plasticizer	liquid	-	25-40
Plasticizer	EDENOLO 1235	Polymeric plasticizer based on adipic acid	liquid	-	10-60
Plasticizer	EDENOLO 198	Phtalat	liquid	-	30-80
Plasticizer	EDENOLO 9789	Polymeric plasticizer	liquid	-	15-40
Plasticizer	EDENOLO 9800	Diester	liquid	-	10-60
Plasticizer, high temperature	EDENOLO 196	Diester	liquid	-	30-80
Plasticizer, high temperature	EDENOLO T810T STAB	Trimellitate ester	liquid	-	30-80

Product	PVC-P				PVC-U			
	Extrusion	Calendering	Injection Moulding	Paste	Profile, Sheet	Pipe	Injection Moulding	Film
LOXIOI® G 10 V	x	o	x	x				
LOXIOI® G 11					x			
LOXIOI® G 12					x		o	
LOXIOI® G 12-40					x		o	
LOXIOI® G 12-40 V					x		o	
LOXIOI® G 13	x		x		x			
LOXIOI® G 15 PULVER					o		o	
LOXIOI® G 16					o		o	x
LOXIOI® G 40	x	x	x		x			
LOXIOI® G 41					x			
LOXIOI® G 53					o		o	
LOXIOI® G 59					x	x	x	
LOXIOI® G 60					x	x	x	
LOXIOI® G 62	x		x		x	x	x	
LOXIOI® G 63	x		x		x	x	x	
LOXIOI® G 72					o			o
LOXIOI® GH 4					x		o	
LOXIOI® P 1141					o		x	x
LOXIOI® P 728					x	x	x	
LOXIOI® VP 540			x			x	x	
LOXIOI® EP 3500					x			
LOXIOI® G 30					x	x	x	
LOXIOI® G 32					x	x	x	
LOXIOI® G 34 R					x	x	x	
LOXIOI® GS 891							x	
EDENOL® 1208	x	x	x	x				
EDENOL® 1212	x	x	x	x				
EDENOL® 1233 SPEZIAL	x	x	x	x				
EDENOL® 1235	x	x	x	x				
EDENOL® 198	x	x	x	x				
EDENOL® 9789	x			x				
EDENOL® 9800	x	x	x	x				
EDENOL® 196	x	x	x	x				
EDENOL® T810T STAB	x	x	x	x				

* = pour point
x = very suitable
o = quite suitable

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Plasticizer, low temperature	EDENOL® 888	Sebacate ester	liquid	-	max. 50
Plasticizer, low temperature	EDENOL® 9058	Azelaic ester	liquid	-	max. 45
Plasticizer, low temperature	EDENOL® DBS	Sebacate ester	liquid	-	max. 50
Plasticizer, low temperature	EDENOL® DIDA	Adipate ester	liquid	-	max. 50
Plasticizer, oil & solvent resistant	EDENOL® I 200	Polymeric plasticizer based on adipic acid	liquid	-	30-80
Plasticizer, oil & solvent resistant	EDENOL® I 215	Polymeric plasticizer based on adipic acid	liquid	-	30-80
Plasticizer, oil & solvent resistant	EDENOL® I 234	Polymeric plasticizer based on adipic acid	liquid	-	30-80
Plasticizer, secondary	LOXIOL® DP	Fatty acid polyglycol ester	liquid	-	0.5-2.0
Plasticizer, stabilising properties	EDENOL® B 316 SPEZIAL	Epoxidised linseed oil	liquid	-	1-20
Plasticizer, stabilising properties	EDENOL® D 81	Epoxidised soya bean oil	liquid	-	1-20
Plasticizer, stabilising properties	EDENOL® D 82 S	Epoxidised soya bean oil	liquid	-	1-20
Release Agent	LOXIOL® EBS SPEZ P	Ethylene-bis-stearamide	solid	141-147	0.2-0.4
Release Agent	LOXIOL® G 70 S	High molecular weight poly ester	solid	55-58	0.2-0.8
Release Agent	LOXIOL® G 71 S	High molecular weight poly ester	liquid	<-20*	0.2-1.0
Release Agent	LOXIOL® G 72	High molecular weight poly ester	solid	43-47	0.3-1.0
Release Agent	LOXIOL® G 78	Combination lubricant	solid	105-115	0.3-1.2
Release Agent	LOXIOL® G 78 V	Combination lubricant	solid	100-110	0.3-1.2
Viscosity Regulator	EDENOL® I 300	Fatty acid ester	liquid	-	1.0-10.0
Viscosity Regulator	EDENOL® I 90	Fatty acid ester	liquid	-	max. 15
Viscosity Regulator	EDENOL® I 92	Fatty acid ester	liquid	< 15*	max. 15
Viscosity Regulator	EDENOL® 2166	Polyol ester	liquid	-	max. 20
Viscosity Regulator	EDENOL® 311	Fatty acid ester	liquid	-	1.0-5.0

PVC

PVC-FIELDS OF APPLICATION

Product	PVC-P				PVC-U			
	Extrusion	Calendering	Injection Moulding	Paste	Profile, Sheet	Pipe	Injection Moulding	Film
EDENOL® 888	x	x	x	x				
EDENOL® 9058	x	x	x	x				
EDENOL® DBS	x	x	x	x				
EDENOL® DIDA	x	x	x	x				
EDENOL® I 200	x	x	x	x				
EDENOL® I 215	x	x	x	x				
EDENOL® I 234	x	x	x	x				
LOXIOLO® DP				x				
EDENOL® B 316 SPEZIAL	x	x	x	x				
EDENOL® D 8 I	x	x	x	x				
EDENOL® D 82 S	x	x	x	x				
LOXIOLO® EBS SPEZ P	x							x
LOXIOLO® G 70 S					x		x	x
LOXIOLO® G 71 S	x	x	x	x				o
LOXIOLO® G 72					o			o
LOXIOLO® G 78					o		o	x
LOXIOLO® G 78 V					o		o	x
EDENOL® I 300				x				
EDENOL® I 90	x	x		x				
EDENOL® I 92				x				
EDENOL® 2 I 66	x							
EDENOL® 3 I I				x				

* = pour point
x = very suitable
o = quite suitable

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Antiblocking / Slip Agent	LOXIOLO® 8312	High-mono GMS	solid	67-71	0.1-0.5
Antiblocking / Slip Agent	LOXIOLO® EP 55	Glycerol ester	solid	58-61	0.5-1.0
Antiblocking- / Slip Agent	LOXIOLO® 8314	High-mono GMS	solid	67-71	0.1-0.5
Antiblocking- / Slip Agent	LOXIOLO® 8314 PASTILLE	High-mono GMS	solid	67-71	0.1-0.5
Antistatic Agent	LOXIOLO® 3380	Mixture based on polyglycol ester	liquid	-	0.2-1.0
Antistatic Agent	LOXIOLO® 80 X	Mixture of anionic and non-ionic compounds	liquid	-	0.2-1.0
Antistatic Agent	LOXIOLO® 93 P	Anionic compound	solid	-	0.2-3.0
Lubricant	LOXIOLO® 8312	High-mono GMS	solid	67-71	0.1-0.5
Lubricant	LOXIOLO® 8314	High-mono GMS	solid	67-71	0.1-0.5
Lubricant	LOXIOLO® 8314 PASTILLE	High-mono GMS	solid	67-71	0.1-0.5
Lubricant	LOXIOLO® EBS SPEZ P	Ethylene-bis-stearamide	solid	141-147	1.0-2.0
Lubricant	LOXIOLO® EP 8578	Polyol ester	solid	60-65	0.5-1.5
Lubricant	LOXIOLO® EP-PTS	Polyol ester	solid	50-55	1.0-1.5
Lubricant	LOXIOLO® G 32	Wax ester	solid	52-56	1.0-1.5
Lubricant	LOXIOLO® G 34 R	Ester wax	solid	53-58	1.0-1.5
Lubricant	LOXIOLO® G 78	Combination lubricant	solid	100-115	0.3-1.0
Lubricant	LOXIOLO® G 78 V	Combination lubricant	solid	100-115	0.3-1.0
Lubricant	LOXIOLO® P 861 / 3.5	Polyol ester	solid	60-63	1.0-1.5
Lubricant	LOXIOLO® P 861 / 3.5 SPEZIAL	Polyol ester	solid	60-63	1.0-1.5
Release Agent	LOXIOLO® EP 3500	Ca-stearate	solid	150-170	0.2-0.5
Release Agent	LOXIOLO® G 32	Wax ester	solid	52-56	1.0-1.5
Release Agent	LOXIOLO® G 34 R	Ester wax	solid	53-58	1.0-1.5
Release Agent	LOXIOLO® G 78	Combination lubricant	solid	100-115	0.3-1.0
Release Agent	LOXIOLO® G 78 V	Combination lubricant	solid	100-115	0.3-1.0

PA

■ POLYAMIDE

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Lubricant	LOXIOL® 83 I 2	High-mono GMS	solid	67-71	0.1-0.3
Lubricant	LOXIOL® 83 I 4	High-mono GMS	solid	67-71	0.1-0.3
Lubricant	LOXIOL® 83 I 4 PASTILLE	High-mono GMS	solid	67-71	0.1-0.3
Lubricant	LOXIOL® EP-PTS	Polyol ester	solid	50-55	0.3-0.5
Lubricant	LOXIOL® G 32	Wax ester	solid	52-56	0.3-0.5
Lubricant	LOXIOL® G 78	Combination lubricant	solid	100-115	0.3-0.5
Lubricant	LOXIOL® G 78 V	Combination lubricant	solid	100-115	0.3-0.5
Release Agent	EDENOL® I 94 / I	Fatty acid ester	liquid	-	0.2-0.5
Release Agent	LOXIOL® EP 339	Polyol ester / Ca-soap	solid	109-115	0.3-0.5
Release Agent	LOXIOL® EP-PTS	Polyol ester	solid	50-55	0.3-0.5
Release Agent	LOXIOL® G 32	Wax ester	solid	52-56	0.3-0.5
Release Agent	LOXIOL® P I 206	Glycerol ester	solid	53-56	0.2-0.5
Antistatic Agent	LOXIOL® 3380	Mixture based on polyglycol ester	liquid	-	0.2-1.0
Antistatic Agent	LOXIOL® 80 X	Mixture of anionic and non-ionic compounds	liquid	-	0.2-1.0
Antistatic Agent	LOXIOL® 93 P	Anionic compound	solid	-	0.2-1.0
Plasticizer / Lubricant	LOXIOL® 2472	Long chain ester	solid	61-71	5.0-20.0

PC

■ POLYCARBONATE

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Lubricant	LOXIOL® EP 8578	Polyol ester	solid	60-65	0.2-0.5
Lubricant	LOXIOL® G 32	Wax ester	solid	52-56	0.2-0.5
Lubricant	LOXIOL® P 86 I / 3.5	Polyol ester	solid	60-63	0.2-0.5
Lubricant	LOXIOL® P 86 I / 3.5 SPEZIAL	Polyol ester	solid	60-63	1.0-1.5
Release Agent	LOXIOL® 3820	Wax ester	liquid	-	0.2-0.5
Release Agent	LOXIOL® EP 8578	Polyol ester	solid	60-65	0.2-0.5
Release Agent	LOXIOL® EP-PTS	Polyol ester	solid	50-55	0.2-0.5
Release Agent	LOXIOL® G 32	Wax ester	solid	52-56	0.2-0.5
Release Agent	LOXIOL® P 86 I / 3.5	Polyol ester	solid	60-63	0.2-0.5
Release Agent	LOXIOL® P 86 I / 3.5 SPEZIAL	Polyol ester	solid	60-63	0.2-1.0
Release Agent	LOXIOL® VPG 86 I	Polyol ester	solid	62-70	0.2-1.0

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Antiblocking / Slip Agent	LOXIOLO® E SPEZ P	Erucic acid amide	solid	78-84	0.2-0.5
Antiblocking / Slip Agent	LOXIOLO® EBS SPEZ P	Ethylene-bis-stearamide	solid	141-147	0.2-0.5
Antiblocking / Slip Agent	LOXIOLO® OA SPEZ P	Oleic acid amide	solid	70-76	0.2-0.5
Antifogging Agent	LOXIOLO® A 2	Fatty acid ester compound	liquid	-	2.0-4.0
Antifogging Agent	LOXIOLO® A 4	Fatty acid ester compound	liquid	-	0.5-1.0
Antistatic Agent	LOXIOLO® I 010	Fatty acid amide	solid	38-42	PE-LD 0.2-0.5 PE-HD 0.5-1.0
Antistatic Agent	LOXIOLO® 3366	Polyol partial ester	liquid	-	0.2-1.0
Antistatic Agent	LOXIOLO® 3380	Mixture based on polyglycol ester	liquid	-	0.2-1.0
Antistatic Agent	LOXIOLO® 80 X	Mixture of anionic and non-ionic compounds	liquid	-	0.2-1.0
Antistatic Agent	LOXIOLO® 8312	High-mono GMS	solid	67-71	0.4-1.5
Antistatic Agent	LOXIOLO® 8314	High-mono GMS	solid	67-71	0.4-1.5
Antistatic Agent	LOXIOLO® 8314 PASTILLE	High-mono GMS	solid	67-71	0.4-1.5
Antistatic Agent	LOXIOLO® DP	Fatty acid polyglycol ester	liquid	-	0.2-1.0
Antistatic Agent	LOXIOLO® EP 55	Glycerol ester	solid	58-61	0.5-1.0
Antistatic Agent	LOXIOLO® VPA 1726	Polyol partial ester	liquid	-	0.2-1.5
Lubricant	LOXIOLO® 8312	High-mono GMS	solid	67-71	0.3-1.0
Lubricant	LOXIOLO® 8314	High-mono GMS	solid	67-71	0.3-1.0
Lubricant	LOXIOLO® 8314 PASTILLE	High-mono GMS	solid	67-71	0.3-1.0
Lubricant	LOXIOLO® EBS SPEZ P	Ethylene-bis-stearamide	solid	141-147	0.2-0.5
Lubricant	LOXIOLO® EP 3500	Ca-stearate	solid	150-170	0.2-0.5
Release Agent	LOXIOLO® E SPEZ P	Erucic acid amide	solid	78-84	0.2-0.5
Release Agent	LOXIOLO® EP 3500	Ca-stearate	solid	150-170	0.2-0.5
Release Agent	LOXIOLO® EP 55	Glycerol ester	solid	58-61	0.5-1.0
Release Agent	LOXIOLO® OA SPEZ P	Oleic acid amide	solid	70-76	0.2-0.5

PET · PBT

■ POLYETHYLENETEREPHTHALATE | POLYBUTYLENETEREPHTHALATE

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Antiblocking / Slip Agent	LOXIOL® P 728	Polyol partial ester	solid	49-52	0.2-0.5
Antistatic Agent	LOXIOL® 80 X	Mixture of anionic and non-ionic compounds	liquid	-	0.1-1.0
Antistatic Agent	LOXIOL® 83 I 2	High-mono GMS	solid	67-71	0.2-0.5
Antistatic Agent	LOXIOL® 83 I 4	High-mono GMS	solid	67-71	0.2-0.5
Antistatic Agent	LOXIOL® 83 I 4 PASTILLE	High-mono GMS	solid	67-71	0.2-0.5
Antistatic Agent	LOXIOL® VPA 1726	Polyol partial ester	liquid	-	0.2-1.5
Antistatic Agent	LOXIOL® 3366	Polyol partial ester	liquid	-	0.2-1.0
Lubricant	EDENOL® 194 / I	Fatty acid ester	liquid	-	0.2-0.5
Lubricant	LOXIOL® G 40	Wax ester	liquid	-	0.2-0.5
Lubricant	LOXIOL® P 728	Polyol partial ester	solid	49-52	0.2-0.5
Lubricant	LOXIOL® P 86 I / 3.5	Polyol ester	solid	60-63	0.2-0.5
Lubricant	LOXIOL® P 86 I / 3.5 SPECIAL	Polyol ester	solid	60-63	1.0-1.5
Lubricant, internal	LOXIOL® 359 I	Combination lubricant	solid	100-108	0.2-1.5
Release Agent	LOXIOL® EP 339	Polyol ester / Ca-soap	solid	109-115	0.3-0.5
Release Agent	LOXIOL® EP 8578	Polyol ester	solid	60-65	0.2-0.5
Release Agent	LOXIOL® EW-K 839 I	Lubricant containing metallic soap	solid	95-105	0.2-0.5
Release Agent	LOXIOL® P 1206	Glycerol ester	solid	53-56	0.2-0.5
Release Agent	LOXIOL® P 86 I / 3.5	Polyol ester	solid	60-63	0.2-0.5
Release Agent	LOXIOL® P 86 I / 3.5 SPEZIAL	Polyol ester	solid	60-63	1.0-1.5

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Antiblocking- / Slip Agent	LOXIOLO [®] P 728	Polyol partial ester	solid	49-52	0.2-0.5
Antistatic Agent	LOXIOLO [®] 80 X	Mixture of anionic and non-ionic compounds	liquid	-	0.1-1.0
Antistatic Agent	LOXIOLO [®] 8312	High-mono GMS	solid	67-71	0.2-0.5
Antistatic Agent	LOXIOLO [®] 8314	High-mono GMS	solid	67-71	0.2-0.5
Antistatic Agent	LOXIOLO [®] 8314 PASTILLE	High-mono GMS	solid	67-71	0.2-0.5
Antistatic Agent	LOXIOLO [®] VPA 1726	Polyol partial ester	liquid	-	0.2-1.5
Antistatic Agent	LOXIOLO [®] 3366	Polyol partial ester	liquid	-	0.2-1.0
Lubricant	LOXIOLO [®] G 12-40 / LOXIOLO [®] G 12-40 V	Glycerol ester	solid	55-61	0.5-1.5
Lubricant	LOXIOLO [®] G 40	Wax ester	liquid	-	0.2-0.5
Lubricant	LOXIOLO [®] P 728	Polyol partial ester	solid	49-52	0.2-0.5
Lubricant / Plasticizer	LOXIOLO [®] G 10 V	Glycerol ester	liquid	<4*	0.5-2.5
Lubricant / Plasticizer	LOXIOLO [®] P 1141	Glycerol ester	liquid	<0*	0.5-1.5
Lubricant / Release Agent	LOXIOLO [®] P 861 / 3.5	Polyol ester	solid	60-63	0.2-0.5
Plasticizer	EDENOL [®] 1200	Polymeric plasticizer based on adipic acid	liquid	-	30-80
Plasticizer	EDENOL [®] 1208	Polymeric plasticizer	liquid	-	10-60
Plasticizer	EDENOL [®] 1215	Polymeric plasticizer based on adipic acid	liquid	-	30-80
Release Agent	LOXIOLO [®] EP 339	Polyol ester / Ca-soap	solid	109-115	0.3-0.5
Release Agent	LOXIOLO [®] EP 8578	Polyol ester	solid	60-65	0.2-0.5
Release Agent	LOXIOLO [®] P 1206	Glycerol ester	solid	53-56	0.2-0.5
Release Agent	LOXIOLO [®] P 861 / 3.5	Polyol ester	solid	60-63	0.2-0.5

■ PHENOLIC RESIN

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Lubricant, external	LOXIOLO [®] PF 320	Special lubricant without metal soaps	solid	105-109	0.5-1.5
Release Agent	LOXIOLO [®] G 20	Fatty acid	solid	54-56	0.2-1.5
Release Agent	LOXIOLO [®] S SPEZ P	Stearic acid amide	solid	96-104	0.1-1.0
Viscosity depressant	LOXIOLO [®] PF 320	Special lubricant without metal soaps	solid	105-109	0.5-1.5

PMMA

■ POLYMETHYLMETHACRYLATE

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Antistatic Agent	LOXIOL® 3380	Mixture based on polyglycol ester	liquid	-	0.2-1.0
Antistatic Agent (clouding possible)	LOXIOL® 80 X	Mixture of anionic and non-ionic compounds	liquid	-	0.2-1.0
Lubricant	LOXIOL® 83 I 2	High-mono GMS	solid	67-71	0.1-0.3
Lubricant	LOXIOL® 83 I 4	High-mono GMS	solid	67-71	0.1-0.3
Lubricant	LOXIOL® 83 I 4 PASTILLE	High-mono GMS	solid	67-71	0.1-0.3
Lubricant	LOXIOL® G 20	Fatty acid	solid	54-56	0.1-0.5
Lubricant	LOXIOL® G 53	Fatty alcohol	solid	49-54	0.2-0.3
Lubricant	LOXIOL® P I 206	Glycerol ester	solid	53-56	0.2-0.5
Release Agent	EDENOL® BS	Fatty acid ester	liquid	-	0.2-0.3
Release Agent	LOXIOL® G 20	Fatty acid	solid	54-56	0.1-0.5
Release Agent	LOXIOL® P I 206	Glycerol ester	solid	53-56	0.2-0.5
Release Agent	LOXIOL® P 86 I / 3.5	Polyol ester	solid	60-63	0.1-0.3
Release Agent	LOXIOL® P 86 I / 3.5 SPEZIAL	Polyol ester	solid	60-63	1.0-1.5

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Antiblocking- / Slip Agent	LOXIOLO [®] EBS SPEZ P	Ethylene-bis-stearamide	solid	141-147	0.2-0.5
Antistatic Agent	LOXIOLO [®] 3380	Mixture based on polyglycol ester	liquid	-	0.1-0.5
Antistatic Agent	LOXIOLO [®] 80 X	Mixture of anionic and non-ionic compounds	liquid	-	0.1-0.5
Antistatic Agent	LOXIOLO [®] 8312	High-mono GMS	solid	67-71	0.2-0.5
Antistatic Agent	LOXIOLO [®] 8314	High-mono GMS	solid	67-71	0.2-0.5
Antistatic Agent	LOXIOLO [®] 8314 PASTILLE	High-mono GMS	solid	67-71	0.2-0.5
Lubricant	LOXIOLO [®] 8312	High-mono GMS	solid	67-71	0.2-0.5
Lubricant	LOXIOLO [®] 8314	High-mono GMS	solid	67-71	0.2-0.5
Lubricant	LOXIOLO [®] 8314 PASTILLE	High-mono GMS	solid	67-71	0.2-0.5
Lubricant	LOXIOLO [®] EP 218	Glycerol ester	solid	57-62	0.5-1.5
Lubricant	LOXIOLO [®] G 20	Fatty acid	solid	54-56	0.1-0.5
Lubricant	LOXIOLO [®] P 1206	Glycerol ester	solid	53-56	0.2-0.5
Lubricant	LOXIOLO [®] P 728	Polyol partial ester	solid	49-52	0.2-0.5
Release Agent	LOXIOLO [®] G 20	Fatty acid	solid	54-56	0.1-0.5
Release Agent	LOXIOLO [®] G 70 S	High molecular weight poly ester	solid	55-58	0.3-0.5
Release Agent	LOXIOLO [®] P 1206	Glycerol ester	solid	53-56	0.2-0.5
Release Agent	LOXIOLO [®] P 728	Polyol partial ester	solid	49-52	0.2-0.5

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Antiblocking / Slip Agent	LOXIOL® E SPEZ P	Erucic acid amide	solid	78-84	0.2-0.5
Antiblocking / Slip Agent	LOXIOL® EBS SPEZ P	Ethylene-bis-stearamide	solid	141-147	0.2-0.5
Antiblocking / Slip Agent	LOXIOL® OA SPEZ P	Oleic acid amide	solid	70-76	0.2-0.5
Antistatic Agent	LOXIOL® I 010	Fatty acid amide	solid	38-42	0.2-0.5
Antistatic Agent	LOXIOL® 3366	Polyol partial ester	liquid	-	0.2-1.0
Antistatic Agent	LOXIOL® 3380	Mixture based on polyglycol ester	liquid	-	0.2-1.0
Antistatic Agent	LOXIOL® 80 X	Mixture of anionic and non-ionic compounds	liquid	-	0.2-1.0
Antistatic Agent	LOXIOL® VPA 1726	Polyol partial ester	liquid	-	0.2-1.5
Lubricant	LOXIOL® 8312	High-mono GMS	solid	67-71	0.3-1.0
Lubricant	LOXIOL® 8314	High-mono GMS	solid	67-71	0.3-1.0
Lubricant	LOXIOL® 8314 PASTILLE	High-mono GMS	solid	67-71	0.3-1.0
Lubricant	LOXIOL® EBS SPEZ P	Ethylene-bis-stearamide	solid	141-147	0.2-0.5
Lubricant	LOXIOL® EP 3500	Ca-stearate	solid	150-170	0.2-0.5
Lubricant	LOXIOL® G 32	Wax ester	solid	52-56	0.5-1.0
Lubricant	LOXIOL® G 34 R	Ester wax	solid	53-58	0.5-1.0
Release Agent	LOXIOL® 8312	High-mono GMS	solid	67-71	0.3-1.0
Release Agent	LOXIOL® 8314	High-mono GMS	solid	67-71	0.3-1.0
Release Agent	LOXIOL® 8314 PASTILLE	High-mono GMS	solid	67-71	0.3-1.0
Release Agent	LOXIOL® EP 3500	Ca-stearate	solid	150-170	0.2-0.5
Release Agent	LOXIOL® EP 55	Glycerol ester	solid	58-61	0.5-1.0
Release Agent	LOXIOL® EW-K 839 I	Lubricant containing metallic soap	solid	95-105	0.2-0.5
Release Agent	LOXIOL® G 32	Wax ester	solid	52-56	0.5-1.0
Release Agent	LOXIOL® G 34 R	Ester wax	solid	53-58	0.5-1.0

PS

■ POLYSTYRENE

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Antifogging Agent	LOXIOLO® A 4 Spezial	Glycerol ester	liquid	-	0.2-3.0
Antifogging Agent	LOXIOLO® G 10 V	Fatty acid ester	liquid	-	0.2-3.0
Antistatic Agent	LOXIOLO® 8312	High-mono GMS	solid	67-71	0.4-1.5
Antistatic Agent	LOXIOLO® VPA 1726	Polyol partial ester	liquid	-	0.2-1.5
Antistatic Agent (cloudy effect possible)	LOXIOLO® 80 X	Mixture of anionic and non-ionic compounds	liquid	-	0.1-0.5
Lubricant	LOXIOLO® 8314	High-mono GMS	solid	67-71	0.4-1.5
Lubricant	LOXIOLO® 8314 PASTILLE	High-mono GMS	solid	67-71	0.4-1.5
Release Agent	EDENOL® 194 / I	Fatty acid ester	liquid	-	0.2-0.3
Release Agent	EDENOL® BS	Fatty acid ester	liquid	-	0.2-0.3
Release Agent	LOXIOLO® EP 55	Glycerol ester	solid	58-61	0.5-1.0
Release Agent	LOXIOLO® G 53	Fatty alcohol	solid	49-54	0.2-0.3

PU

■ POLYURETHANE

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Antistatic Agent	LOXIOLO® 3380	Mixture based on polyglycol ester	liquid	-	0.5-5.0
Antistatic Agent	LOXIOLO® 80 X	Mixture of anionic and non-ionic compounds	liquid	-	0.5-5.0
Release Agent	LOXIOLO® 3571	Fatty acid ester	liquid	-	0.5-1.5
Release Agent	LOXIOLO® EP 55	Glycerol ester	solid	58-61	0.5-1.0
Release Agent	LOXIOLO® EP-PTS	Polyol ester	solid	50-55	1.0-1.5
Release Agent	LOXIOLO® G 15 PULVER	Fatty acid ester of polyol	solid	83-87	0.5-2.5
Release Agent	LOXIOLO® P 728	Polyol partial ester	solid	49-52	0.5-1.0
Release Agent, can influence printing properties	LOXIOLO® EBS SPEZ P	Ethylene-bis-stearamide	solid	141-147	0.5-1.0
Release Agent, good printing properties	LOXIOLO® G 70 S	High molecular weight poly ester	solid	55-58	0.6-1.0
Release Agent, good printing properties	LOXIOLO® G 71 S	High molecular weight poly ester	liquid	<-20*	0.6-1.0

* = pour point

SAN

■ STYRENE / ACRYLONITRILE COPOLYMER

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Antistatic Agent	LOXIOLO® 3380	Mixture based on polyglycol ester	liquid	-	-
Antistatic Agent	LOXIOLO® VPA 1726	Polyol partial ester	liquid	-	-
Antistatic Agent (clouding possible)	LOXIOLO® 80 X	Mixture of anionic and non-ionic compounds	liquid	-	-
Lubricant	EDENOL® BS	Fatty acid ester	liquid	-	0.1-0.3
Lubricant	LOXIOLO® 83 12	High-mono GMS	solid	67-71	-
Lubricant	LOXIOLO® 83 14	High-mono GMS	solid	67-71	-
Lubricant	LOXIOLO® 83 14 PASTILLE	High-mono GMS	solid	67-71	-
Lubricant	LOXIOLO® EBS SPEZ P	Ethylene-bis-stearamide	solid	141-147	-
Lubricant	LOXIOLO® G 40	Wax ester	liquid	-	-
Lubricant	LOXIOLO® G 53	Fatty alcohol	solid	49-54	-
Release Agent	EDENOL® 194 / 1	Fatty acid ester	liquid	-	-
Release Agent	EDENOL® BS	Fatty acid ester	liquid	-	-
Release Agent	LOXIOLO® 83 12	High-mono GMS	solid	67-71	-
Release Agent	LOXIOLO® G 40	Wax ester	liquid	-	-
Release Agent	LOXIOLO® G 53	Fatty alcohol	solid	49-54	-

SB

■ STYRENE / BUTADIENE COPOLYMER

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Antiblocking / Slip Agent	LOXIOLO® E SPEZ P	Erucic acid amide	solid	78-84	-
Antiblocking / Slip Agent	LOXIOLO® OA SPEZ P	Oleic acid amide	solid	70-76	-
Antistatic Agent	LOXIOLO® 3366	Polyol partial ester	liquid	-	-
Antistatic Agent	LOXIOLO® 3380	Mixture based on polyglycol ester	liquid	-	-
Antistatic Agent	LOXIOLO® 80 X	Mixture of anionic and non-ionic compounds	liquid	-	-
Antistatic Agent	LOXIOLO® 93 P	Anionic compound	solid	-	-
Lubricant	LOXIOLO® 83 12	High-mono GMS	solid	67-71	0.1-0.3
Lubricant	LOXIOLO® 83 14	High-mono GMS	solid	67-71	-
Lubricant	LOXIOLO® 83 14 PASTILLE	High-mono GMS	solid	67-71	-
Lubricant	LOXIOLO® EBS SPEZ P	Ethylene-bis-stearamide	solid	141-147	-
Lubricant	LOXIOLO® EP 339	Polyol ester / Ca-soap	solid	109-115	-
Lubricant	LOXIOLO® G 20	Fatty acid	solid	54-56	-
Release Agent	LOXIOLO® EP 3500	Ca-stearate	solid	150-170	-
Release Agent	LOXIOLO® G 20	Fatty acid	solid	54-56	-
Release Agent	LOXIOLO® G 32	Wax ester	solid	52-56	-

Function	Product	Chemistry	Delivery Form	Melting Range (°C)	Dosage (%)
Antiblocking / Slip Agent	LOXIOLO® E SPEZ P	Erucic acid amide	solid	78-84	0.2-1.0
Antiblocking / Slip Agent	LOXIOLO® EBS SPEZ P	Ethylene-bis-stearamide	solid	141-147	0.2-1.0
Antiblocking / Slip Agent	LOXIOLO® OA SPEZ P	Oleic acid amide	solid	70-76	0.2-1.0
Antistatic Agent	LOXIOLO® 3366	Polyol partial ester	liquid	-	0.5-10.0
Antistatic Agent	LOXIOLO® 3380	Mixture based on polyglycol ester	liquid	-	0.2-5.0
Lubricant	LOXIOLO® EBS SPEZ P	Ethylene-bis-stearamide	solid	141-147	0.2-1.0
Lubricant	LOXIOLO® EP 3500	Ca-stearate	solid	150-170	0.2-1.0
Lubricant	LOXIOLO® P 1732	Combination lubricant	solid	100-115	0.3-1.2
Lubricant	LOXIOLO® P 728	Polyol partial ester	solid	49-52	0.2-0.5
Lubricant	LOXIOLO® P 861 / 3.5	Polyol ester	solid	60-63	0.2-0.5
Plasticizer	EDENOL® 1208	Polymeric plasticizer	liquid	-	-
Plasticizer	EDENOL® 1212	Polymeric plasticiser based on adipic acid	liquid	-	10-60
Plasticizer	EDENOL® 1233 SPEZIAL	Polymeric plasticizer	liquid	-	-
Plasticizer	EDENOL® 1235	Polymeric plasticiser based on adipic acid	liquid	-	10-60
Plasticizer	EDENOL® 9800	Diester	liquid	-	10-60
Plasticizer, high temperature	EDENOL® 196	Diester	liquid	-	30-80
Plasticizer, high temperature	EDENOL® T810T STAB	Trimellitate ester	liquid	-	-
Plasticizer, high temperature	EDENOL® TOT	Trimellitate ester	liquid	-	-
Plasticizer, low temperature	EDENOL® 102	Fatty acid polyglycol ester	liquid	-	-
Plasticizer, low temperature	EDENOL® 111	Adipate ester	liquid	-	-
Plasticizer, low temperature	EDENOL® 123	Butyl carbitol formal	liquid	-	-
Plasticizer, low temperature	EDENOL® 181	High molecular weight adipate ester	liquid	-	-
Plasticizer, low temperature	EDENOL® 888	Sebacate ester	liquid	-	-
Plasticizer, low temperature	EDENOL® 9058	Azelaic ester	liquid	-	max. 45
Plasticizer, low temperature	EDENOL® DBS	Sebacate ester	liquid	-	-
Plasticizer, low temperature	EDENOL® DIDA	Adipate ester	liquid	-	-
Plasticizer, oil & solvent resistant, high viscous	EDENOL® 1234	Polymeric plasticizer based on adipic acid	liquid	-	-
Plasticizer, oil & solvent resistant, low viscous	EDENOL® 1215	Polymeric plasticizer based on adipic acid	liquid	-	-
Plasticizer, oil & solvent resistant, medium viscous	EDENOL® 1200	Polymeric plasticizer based on adipic acid	liquid	-	-
Release Agent	LOXIOLO® 3820	Wax ester	liquid	-	0.2-0.5
Release Agent	LOXIOLO® E SPEZ P	Erucic acid amide	solid	78-84	0.2-1.0
Release Agent	LOXIOLO® EP 3500	Ca-stearate	solid	150-170	0.2-1.0
Release Agent	LOXIOLO® G 20	Fatty acid	solid	54-56	1.0-2.0
Release Agent	LOXIOLO® OA SPEZ P	Oleic acid amide	solid	70-76	0.2-1.0
Release Agent	LOXIOLO® P 1732	Combination lubricant	solid	100-115	0.3-1.2
Release Agent	LOXIOLO® P 728	Polyol partial ester	solid	49-52	0.2-0.5

Delivery Forms

Our liquid products are available in bulk, totes or IBC containers. Our solid products are available in powder or beads. Please contact our sales team for more information.

EDENOL® & LOXIOL®

LOXIOL® and EDENOL® are the plastics additives brand names of Emery Oleochemicals. Our products are based on natural resources for the processing of plastics materials. The main product groups and functions we offer are:

Lubricants – Optimise the processing characteristics of plastics materials. Our lubricants improve the rheology of the polymer melt by reducing friction and resistance to flow within the melt. >>> Positive influence on the mechanical properties, machinery output and surface finish of the final product.

Release Agents – Aid in the separation of a component from its mould. >>> Positive effect on cycle time and surface finish.

Special Plasticizers – Improve processability and performance of plastics and synthetic rubbers. >>> Positive influence on flexibility and durability of the final article.



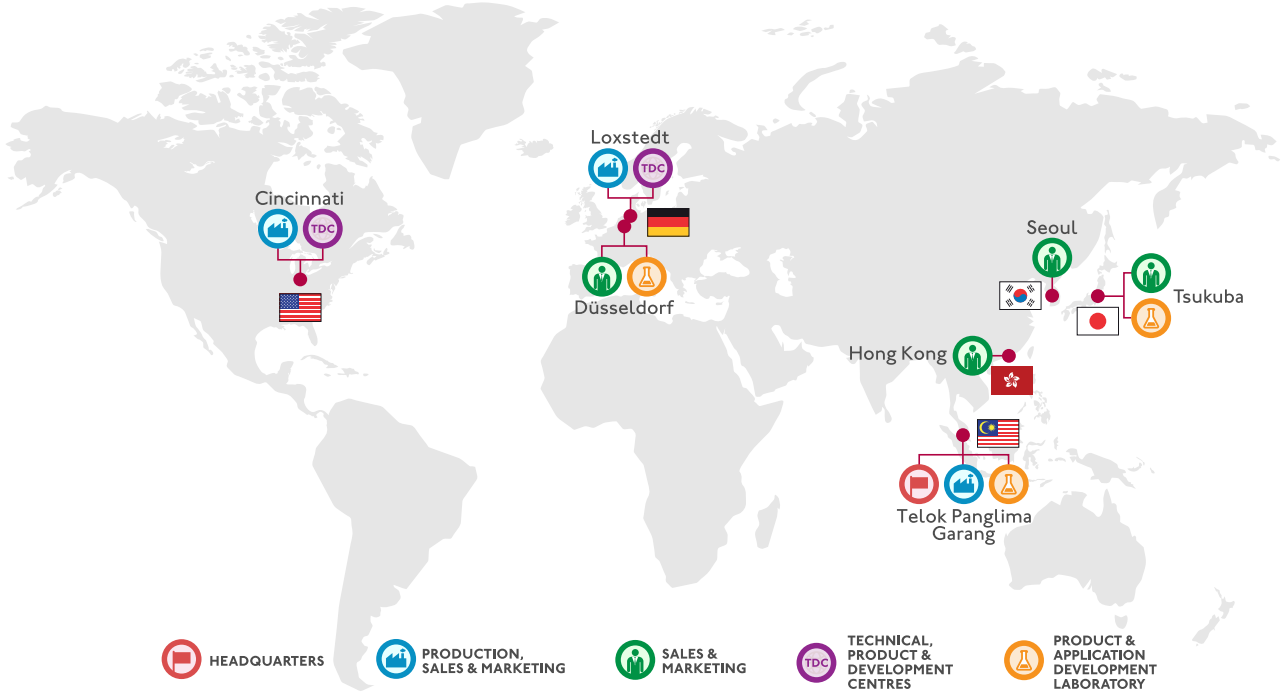
Viscosity Regulators – Improve the flow of PVC paste formulations. >>> Positive influence on processing temperature and processability.

Antistatic Agents – Eliminate the build-up of a static charge in the finished article. >>> Positive effects including avoidance of dust pick-up, handling problems as well as the risks associated with static discharges.

Antifogging Agents – Prevent the formation of water droplets on plastics film surfaces. >>> Positive effect on visibility, quality and attractiveness of packed products and avoidance of damage to plants in growing tunnels.

Antiblocking/Slip Agents – Reduce the friction between the polymer to polymer surface or processing equipment. >>> Positive effect on production handling by preventing adhesion.

CREATING VALUE FOR OUR CUSTOMERS, ANYWHERE IN THE WORLD.



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