



Biesterfeld Ibérica

Compounding  
Portfolio

# Content

Antioxidants	4
HALS (Hindered Amine Light Stabilizers)	5
UV-Absorbers	6
Antistats	7
Antifogs	7
Slip & Processing Aids	8
Polybutenes (PIB)	8
Brominated Flame Retardants	8
Phosphorus Flame Retardants	9
Inorganic Flame Retardants and Synergists	10
Halogen Free Flame Retardants (HFFR)	11
PTFE-Derivate	12
Blowing Agents	12
MF Resins - Melamine Formaldehyde Resins	13
Plasticizers Phthalate Free	13
Other Special Additives	13
Polialcohols	13

# Our Partners for Polymer Additives



# Antioxidants

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>Songnox® 1010</b>	Songwon Ind.	Tetrakis[methylene-3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate] methane	6683-19-8	Phenolic antioxidant as primary stabilizer for plastics
<b>Songnox® 1076</b>	Songwon Ind.	Octadecyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	2082-79-3	
<b>Songnox® 1135</b>	Songwon Ind.	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, C7-9-branched alkyl esters	125643-61-0	
<b>Songnox® 2450</b>	Songwon Ind.	Triethylene glycol-bis-3-(3-tert-butyl-4-hydroxy-5-methylphenyl) propionate	36443-68-2	
<b>Songnox® 3114</b>	Songwon Ind.	Tris-(3,5-di-tert-butylhydroxybenzyl) isocyanurate	27676-62-6	
<b>Songnox® 1035</b>	Songwon Ind.	Thiodiethylene bis[3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate]	41484-35-9	
<b>Songnox® 1098</b>	Songwon Ind.	N,N'-Hexamethylenebis(3,5-di-tert-butyl-4-hydroxyhydrocinnamamide)	23128-74-7	
<b>Songnox® 1330</b>	Songwon Ind.	1,3,5-trimethyl-2,4,6-tris(3,5-di-tert-butyl-4-hydroxybenzyl) benzene	1709-70-2	Aminic antioxidant as primary stabilizer for plastics
<b>Songnox® 5650</b>	Songwon Ind.	2,6-di-tert-butyl-4-(4,6-bis(octylthio)-1,3,5-triazin-2-ylamino) phenol	991-84-4	
<b>Songnox® 5057</b>	Songwon Ind.	Mixture of octylated & butylated diphenylamine	68411-46-1	Blend of phenolic and aminic antioxidants as primary stabilizer for plastics
<b>Songnox® 5721</b>	Songwon Ind.	Mixture of Songnox 1135 + Songnox 5057 (2:1)	125643-61-0 + 68411-46-1	Phenolic antioxidant as metal deactivator in plastics
<b>Songnox® 1024</b>	Songwon Ind.	1,2-bis(3,5-di-tert-butyl-4-hydroxyhydrocinnamoyl) hydrazine	32687-78-8	
<b>Songnox® 1680</b>	Songwon Ind.	Tris(2,4-di-tert-butylphenyl) phosphite	31570-04-4	Phosphite antioxidant as processing stabilizer for plastics
<b>Songnox® 6260</b>	Songwon Ind.	Bis(2,4-di-tert-butylphenyl) pentaerythritol diphosphite	26741-53-7	
<b>Songnox® 6280</b>	Songwon Ind.	Mixture of SONGNOX 6260 & Mg, Al talcite		Phosponite antioxidant as processing stabilizer for plastics
<b>Songnox® PQ</b>	Songwon Ind.	Phosphorous trichloride, reaction products with 1,1'-biphenyl and 2,4-bis(1,1-dimethylethyl) phenol	119345-01-6	
<b>Songnox® DSTDP</b>	Songwon Ind.	Distearyl thiodipropionate	693-36-7	Sulphur containing antioxidant as long term heat stabilizer for plastics
<b>Songnox® DLTDP</b>	Songwon Ind.	Dilauryl thiodipropionate	123-28-4	
<b>Songnox® DTDTP</b>	Songwon Ind.	Ditridecyl thiodipropionate	10595-72-9	

## HALS (Hindered Amine Light Stabilizer)

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>SaboStab® UV 26</b>	Sabo S.p.A.	Polyethylene glycol ether with 4-hydroxy-2,2,6,6-tetramethyl-1-piperidineethanol	59535-09-0	HALS (Hindered Amine Light Stabilizer). Chemically acting light stabilizer which interferes the radical chain mechanism
<b>SaboStab® UV 40</b>	Sabo S.p.A.	1,6-hexanediamine, N,N'-bis(2,2,6,6-tetra methyl-4-piperidinyl)-, polymer with 2,4,6-trichloro-1,3,5-triazine, reaction products with N-butyl-1-butanamine and N-butyl-2,2,6,6-tetramethyl-4-piperidinamine	192268-64-7	
<b>SaboStab® UV 62</b>	Sabo S.p.A.	Butanedioic acid, 1,4-dimethyl ester, polymer with 4-hydroxy-2,2,6,6-tetramethyl-1-piperidine ethanol	65447-77-0	
<b>SaboStab® UV 65</b>	Sabo S.p.A.	Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	41556-26-7	
<b>SaboStab® UV 70</b>	Sabo S.p.A.	Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate	52829-07-9	
<b>SaboStab® UV 78</b>	Sabo S.p.A.	1:1 mixture of SaboStab UV 62 with SaboStab UV 94	65447-77-0 + 70624-18-9	
<b>SaboStab® UV 79</b>	Sabo S.p.A.	1,6-hexanediamine, N1, N6-bis(2,2,6,6-tetra methyl-4-piperidinyl)-, polymer with 2,4-dichloro-6-(4-morpholinyl)-1,3,5-triazine	82451-48-7	
<b>SaboStab® UV 91</b>	Sabo S.p.A.	Fatty acids, C12-21 and C18 unsaturated, 2,2,6,6-tetramethyl-4-piperidinyl esters	167078-06-0	
<b>SaboStab® UV 91 50PP</b>	Sabo S.p.A.	Fatty acids, C12-21 and C18 unsaturated, 2,2,6,6-tetramethyl-4-piperidinyl esters Compounded in Polypropylene (1:1)	86403-32-9 (EU), 167078-06-0 (outside EU)	
<b>SaboStab® UV 94</b>	Sabo S.p.A.	1,6-hexanediamine, N,N'-bis(2,2,6,6-tetramethyl-4-piperidinyl)-, polymer with 2,4,6-trichloro-1,3,5-triazine, reaction products with 2,4,4-trimethyl-2-pentanamine	70624-18-9	
<b>SaboStab® UV 119</b>	Sabo S.p.A.	1,3,5-triazine-2,4,6-triamine, N2,N2''-1,2-ethanediylbis[N2-[3-[[4,6-bis[butyl (1,2,2,6,6-pentamethyl-4-piperidinyl) amino]-1,3,5-triazin-2-yl]amino]propyl]-N',N''-dibutyl-N',N''-bis(1,2,2,6,6-pentamethyl-4-piperidinyl)	106990-43-6	
<b>SaboStab® UV 216</b>	Sabo S.p.A.	Sunscreen Preparation	mixture	Greenhouse Film
<b>SaboStab® UV 418</b>	Sabo S.p.A.	Sunscreen Preparation	mixture	

## UV-Absorbers

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>Songsorb® 1000</b>	Songwon Ind.	2-(2'-hydroxy-5'-methylphenyl) benzotriazole	2440-22-4	Benzotriazole, broad absorbing, physically acting preventive light stabilizer for plastics
<b>Songsorb® 2340</b>	Songwon Ind.	2-[2-hydroxy-3,5-di(1,1-dimethylbenzyl)phenyl]-2H-benzotriazole	70321-86-7	
<b>Songsorb® 3260</b>	Songwon Ind.	2-(2'-hydroxy-3'-tert-butyl-5'-methylphenyl)-5-chlorobenzotriazole	3896-11-5	
<b>Songsorb® 3290</b>	Songwon Ind.	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethyl butyl)phenol	3147-75-9	
<b>Songsorb® 3600</b>	Songwon Ind.	Bis[2-hydroxy-5-tert-octyl-3-(benzotriazol-2-yl)phenyl] methane	103597-45-1	
<b>Songsorb® 7120</b>	Songwon Ind.	2,4-di-tert-butylphenyl-4'-hydroxy-3',5'-di-tert-butyl benzoate	4221-80-1	Benzoate, physically acting preventive light stabilizer for plastics
<b>Songsorb® 2908</b>	Songwon Ind.	Hexadecyl-3,5-di-tert-butyl-4-hydroxybenzoate	67845-93-6	
<b>Songsorb® 8100</b>	Songwon Ind.	2-hydroxy-4-n-octoxybenzophenone	1843-05-6	Benzophenone, broad absorbing, physically acting preventive light stabilizer for plastics
<b>SaboStab® UV 312</b>	Sabo S.p.A.	2-ethyl-2'-ethoxy-oxanilide	23949-66-8	Oxanilide, UV-B absorber, physically acting preventive light stabilizer for plastics
<b>Songsorb® 1577</b>	Songwon Ind.	2-(4,6-diphenyl-1,3,5-triazin-2-yl)-5-hexyloxy phenol	147315-50-2	Triazine, broad absorbing, physically acting preventive light stabilizer for plastics
<b>Songsorb® 1164</b>	Songwon Ind.	2-[4,6-bis (2,4-dimethylphenyl)-1.3.5-triazin-2-yl]-5-(octyloxy) phenol	2725-22-6	Benzotriazole, broad absorbing, physically acting preventive light stabilizer for plastics
<b>SaboStab® UV 1</b>	Sabo S.p.A.	Ethyl 4-[[[(methylphenylamino)methylene]amino] benzoate	57834-33-0	Formamidine, physically acting preventive light stabilizer for plastics

## Antistats

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>Sabo®Stat AL 100</b>	Sabo S.p.A.	Ethanol, 2,2'-iminobis-, N-coco alkyl derivatives	61791-31-9 or 71786-60-2	Ethoxylated alkylamine, migrating antistat for plastics
<b>Sabo®Stat ASE 3</b>	Sabo S.p.A.	Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives	61791-44-4	
<b>Sabo®Stat ASE 6</b>	Sabo S.p.A.	Ethanol, 2,2'-iminobis-, N-C14-C18 alkyl derivatives	90367-28-5 EU 71786-60-2 US,CAN,JP	
<b>Sabo®Stat ASE</b>	Sabo S.p.A.	2,2'-(octadecylimino) bisethanol	10213-78-2	
<b>Sabo®Stat DELA</b>	Sabo S.p.A.	Dodecanamide, N,N-bis(2-hydroxyethyl)-	120-40-1	LDN (lauryl diethanolamide), migrating antistat for plastics
<b>Sabo®Stat A 300</b>	Sabo S.p.A.	2-[(2-hydroxyethyl) octadecylamino] ethylstearate	52497-24-2	Stearyl diethanolamine mono-stearate, migrating antistat for plastics
<b>Sabo®Len MOE SD</b>	Sabo S.p.A.	Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivatives	9005-65-6	Sorbitolester, migrating antistat and antifog for plastics
<b>Sabo®Len MLE</b>	Sabo S.p.A.	Sorbitan, monododecanoate, poly(oxy-1,2-ethanediyl) derivatives	9005-64-5	Sorbitolester, migrating antistat for plastics
<b>Sabo®Nol MO</b>	Sabo S.p.A.	Sorbitan, mono-(9Z)-9-octadecenoate	1338-43-8	
<b>Sabo®Nol TO</b>	Sabo S.p.A.	Sorbitan, tri-(9Z)-9-octadecenoate; (Z,Z,Z)-Sorbitan tri-9-octadecenoate	26266-58-0	

## Antifogs

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>Sabo®Len MOE SD</b>	Sabo S.p.A.	Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivatives	9005-65-6	Sorbitolester, migrating antifog for plastics
<b>Sabo®Fog ML</b>	Sabo S.p.A.	Sorbitan, monododecanoate	1338-39-2	
<b>Sabo®Fog MS P</b>	Sabo S.p.A.	Sorbitan, monooctadecanoate	1338-41-6	
<b>Sabo®Fog TOE</b>	Sabo S.p.A.	Sorbitan, tri-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivatives	9005-70-3	Ethoxylated alkylamineester, migrating antifog for plastics
<b>Sabo®Fog F1</b>	Sabo S.p.A.	(Octadecylimino) diethylenedistearate 2-[(2-hydroxyethyl)octadecylamino] ethylstearate 2,2'-(octadecylimino) bisethanol	94945-28-5, 52497-24-2, 10213-78-2	
<b>Sabo®Fog PGS</b>	Sabo S.p.A.	Octadecanoicacid, monoester with tetraglycerol	68004-11-5 or 26855-44-7	Polyglycerolester, migrating antifog for plastics
<b>Sabo®Fog PGL</b>	Sabo S.p.A.	1,2,3-Propanetriol, homopolymer, dodecanoate	74504-64-6	Polyglycerolester, migrating antifog for plastics
<b>Sabo® Fog M1</b>	Sabo S.p.A.	Polyethoxy perfluorohexyl ethanol	52550-44-4	Greenhouse Film



## Slip & Processing Aids

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>Innoslip E</b>	Pathwel Co., Ltd.	Erucamide	112-84-5	Processing aid, slip and antiblock agent for plastics
<b>Innoslip O</b>	Pathwel Co., Ltd.	Oleamide	301-02-0	
<b>Innoslip S</b>	Pathwel Co., Ltd.	Stearamide	124-26-5	
<b>Innoslip EBS</b>	Pathwel Co., Ltd.	N,N'-ethylene bis stearamide	110-30-5	

## Polybutenes (PIB)

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>Indopol H7 - (LMW)</b>	INEOS	Polybutene / PIB	9003-27-6	Plasticizer / Tackifying Agent
<b>Indopol H100 - idem (MMW)</b>	INEOS	Polybutene / PIB		
<b>Indopol H300 - idem (HMW)</b>	INEOS	Polybutene / PIB		

## Brominated Flame Retardants

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>Firemaster® 2100R</b>	Lanxess	Decabromdiphenyl ethane	84852-53-9	Additive flame retardant for PP, PE, PS, PBT, EPDM, UP, EP a. o. applications
<b>PDBS-80™</b>	Lanxess	Polydibromostyrene	88497-56-7	Polymeric flame retardant for PA, PBT, PET
<b>PHT4™</b>	Lanxess	Tetrabromophthalic anhydride	632-79-1	Reactive flame retardant for PUR, UP a. o. applications
<b>PHT4-Diol™</b>	Lanxess	Tetrabromophthalate diol	20566-35-2	Reactive flame retardant for PUR, UP a. o. applications
<b>PHT4-Diol™ LV</b>	Lanxess	Tetrabromophthalate diol	20566-35-2	Reactive flame retardant for PUR, UP a. o. applications
<b>BA-59P™</b>	Lanxess	Tetrabromobisphenol A	79-94-7	Reactive and additive flame retardant for EP, PC, PS, ABS a. o. applications
<b>BC-52™</b>	Lanxess	Brominated aromatic carbonate oligomer	94334-64-2	Polymeric flame retardant for PBT, PET, PC, PS, ABS, SAN a. o. applications
<b>BC-58™</b>	Lanxess	Brominated aromatic carbonate oligomer	71342-77-3	Polymeric Flame Retardant for PBT, PET, PC, PS, ABS, SAN a. o. applications
<b>BDDP of TBBA</b>		Tetrabromobisphenol A bis (2,3-dibromopropyl ether)	21850-44-2	Additive flame retardant for polyolefins



## Phosphorus Flame Retardants

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>Emerald Innovation™ NH-1</b>	Lanxess	Proprietary		Liquid flame retardant for PUR, PVC, coatings, adhesives a. o. applications
<b>Reofos®35</b>	Lanxess	Phenol, isopropylated, phosphate (3:1) [Triphenyl phosphate > 5 %]	68937-41-7	Flame retardant plasticizer for PVC, phenolic laminates a. o. applications
<b>Reofos®50</b>	Lanxess	Phenol, isopropylated, phosphate (3:1) [Triphenyl phosphate > 5 %]	68937-41-7	Flame retardant plasticizer for PVC, phenolic laminates a. o. applications
<b>Reofos®65</b>	Lanxess	Phenol, isopropylated, phosphate (3:1) [Triphenyl phosphate > 5 %]	68937-41-7	Flame retardant plasticizer for PVC, phenolic laminates a. o. applications
<b>Reofos®95</b>	Lanxess	Phenol, isopropylated, phosphate (3:1) [Triphenyl phosphate > 5 %]	68937-41-7	Flame retardant plasticizer for PVC, phenolic laminates a. o. applications
<b>BDP</b>	Biesterfeld	Aromatic polyphosphate	5945-33-5	High molecular liquid flame retardant for PC, PC/ABS, PC/HIPS a. o. applications
<b>BDP-LV-S1</b>	Biesterfeld	Aromatic phosphate lower viscosity	5945-33-5	High molecular liquid flame retardant for PC, PC/ABS, PC/HIPS, PPO/HIPS, PUR, a. o. applications
<b>RDP</b>	Biesterfeld	Resorcinol-bis(diphenylphosphat)	57583-54-7	Flame retardant for PC, PC/ABS, PPO/HIPS a. o. applications
<b>PX-200</b>	Daihachi	Resorcinol-bridged dixylyl phosphate	139189-30-3	High molecular, solid flame retardant fo rPC, PC/ABS, PC/HIPS and PUR, Epoxy, Acrylic a.o. resins

## Inorganic Flame Retardants and Synergists

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>ZHS</b>		Zinc hydroxystannate	12027-96-2	Alternative to antimonytrioxide, reduction of smoke density, toxicity and heat release rate; flame retardant and synergist for PVC, polyolefines, PUR, UP, EP a. o. applications
<b>CaB</b>		Calciumborate	13701-64-7	Alternative to antimonytrioxide, reduction of smoke density, synergist, alternativ for zinc Borat for PVC, UP, PUR, EP, Pololefine PA a. o. applications
<b>ZS</b>		Zinc stannate	12036-37-2	Alternative to antimonytrioxide, reduction of smoke density, smoke toxicity and heat release rate; flame retardant and synergist for PA, PBT, PP a. o. applications
<b>BLG</b>	RMC Remacon	Expandable graphite	12777-87-6	Inorganic intumescent system for PUR, fire protection and other applications
<b>ATO</b>	Biesterfeld Chemical			Synergist
<b>D-Pyre</b>	Funzionano	Polyhedral Oligomer Silsesquioxanes (POSS)		Synergistic FR with antidripping effect, enables ATP replacement, application in PUR, PVC, PP, UP, VE, EP a. o.
<b>ZB</b>		Zinc borate	1332-07-6	Alternative to antimonytrioxide, reduction of smoke density, synergist, alternativ for zinc Borat for PVC, UP, PUR, EP, Pololefine PA a. o. applications

## Halogen Free Flame Retardants (HFFR)

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>EPFR-100 A</b>	Presafar	Ammonium polyphosphate (APP) based intumescent system		HFFR for polyolefins with anti-dripping agent
<b>EPFR-100 D</b>	Presafar	Ammonium polyphosphate (APP) based intumescent system		HFFR for polyolefins without antidripping agent
<b>EPFR-110 DL</b>	Presafar	APP free intumescent system		HFFR especially for GF reinforced polyolefins
<b>EPFR-110 DM</b>	Presafar	APP free intumescent system		HFFR especially for GF reinforced polyolefins
<b>EPFR-110 T</b>	Presafar	APP free intumescent system		HFFR especially for GF reinforced polyolefins and TPE
<b>MCA-15</b>	Presafar	Melamincyanurate	37640-57-6	HFFR for TPE, TPU
<b>MCA-25</b>	Presafar	Melamincyanurate	37640-57-6	HFFR for PA, PBT
<b>MCA-50</b>	Presafar	Melamincyanurate	37640-57-6	HFFR for PA
<b>EPFR-MPP300</b>	Presafar	Melamine polyphosphate	218768-84-4	HFFR for GF reinforced PA and PBT as well as polyolefins a. o. applications
<b>EPFR-APP-Series</b>	Presafar	High molecular APP with different coatings		HFFR for intumescent systems
<b>300-Series</b>	Paxymer	Carbonyl and acylate modified polyolefins		Synergist and antidripping agent for HFFR systems for polyolefins
<b>700-Series</b>	Paxymer	Masterbatch system based on modified polyolefins combined with HFFR		Combination of P/N-flame retardants with synergists / antidripping agent for polyolefins
<b>Danguard 850</b>	Daihachi	Proprietary		New HFFR with highest P content, high heat resistant and special FR mechanism for TPU, PUR, and many other applications in adhesives, paint and coating

## PTFE-Derivate

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>Marzon® Z5</b>	Laurel Products Divison PPG	AS-polymerised PTFE-Micropowder	9002-84-0	Great reduction in the coefficient of friction through improved dispersion  Additive for lowering wear and friction of polymer surfaces. Highest temperature stability
<b>Marzon® V-1</b>	Laurel Products Divison PPG	Fluorpolymer micropowder	9002-84-0	
<b>Marzon V-2</b>	Laurel Products Divison PPG	Fluorpolymer micropowder	9002-84-0	
<b>Marzon V-3</b>	Laurel Products Divison PPG	Fluorpolymer micropowder	9002-84-0	
<b>Marzon 110</b>	Laurel Products Divison PPG	Agglomerated PTFE	9002-84-0	Antidripping agent for combinations with flam retardants in various plastics, such as engineering resins o polyolefins
<b>Thor-FPz</b>	Laurel Products Divison PPG	Surface fluorinated Mica	12003-38-2	Combines rheological properties of PTFE with highest dimensional stability of Mica
<b>Ultrafon AD-10</b>	PPG Laurel	PTFE dispersion		

\*Selection; further information on special additives are available on request

## Blowing Agents

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>Cellcom® AC</b>	Kum Yang	Azodicarbonamide	123-77-3	Exothermic blowing agents and modified blowing agent systems
<b>Cellcom® OBSH</b>	Kum Yang	4,4'-oxybis-benzenesulfonhydrazide	80-51-3	
<b>Cellcom® H</b>	Kum Yang	p-toluolsulfonylhydrazide	1576-35-8	
<b>Cellcom® TSS</b>	Kum Yang	p-toluolsulfonylsemicarbazid	10396-10-8	
<b>Cellcom® 5PT</b>	Kum Yang	5-phenyl-tetrazol	18039-42-4	
<b>Kycerol®</b>	Kum Yang	Sodium bicarbonat	144-55-8	Endothermic blowing agents based on modified bicarbonates
<b>Cellcom® CAP</b>	Kum Yang	Microspheres filled with gas based on acrylnitrilic copolymers	38742-70-0	Blowing agents based on expandable microspheres

## MF Resins - Melamine Formaldehyde Resins

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>Hiperesin MF 540</b>	Chemisol	MF Resins		Moulding Compounds: Binder for Moulding Compounds
<b>Hiperesin MF 185</b>	Chemisol			Paints and coatings
<b>Hiperesin MF 100C</b>	Chemisol			Clutches and bakepads production
<b>Hiperesin MF 139</b>	Chemisol			Reinforcement for glue
<b>FORES</b>	Foresa			Flame Retardant Additive

## Plasticizers Phthalate Free

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>DOTP</b>	SASA Polymer		6422-86-2	Universal Plasticizer for PVC, EPDM, Synthetic Rubber, Synthetic Lubricants and Oils, Plastics and coatings
<b>DOA</b>	Elakem		103-23-1	Universal Plasticizer for PVC, EPDM, Synthetic Rubber, Synthetic Lubricants and Oils, Synthetic Rubber, Epoxy Resins
<b>TOTM</b>	Biesterfeld		3319-31-1	Universal Plasticizer for Synthetic Rubber, PVC, Automotive applications, Synthetic Lubricants and Oils

## Other Special Additives

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>Alpha Toco Pherol Vitamin E)</b>	Biesterfeld		10191-41-0	Bio-Antioxidant for Masterbatch/Plastic and rubber compound
<b>MHS</b>	Jayant Agro	Methyl Hidroxy Stearate	141-23-1	Slip and antiblocking agent / Processing aid for Rubber compounds
<b>GNP, GP</b>	RMC Remacon	Natural and Synthetic graphites	7782-42-5	Graphites for thermal and electrical conductivity
<b>THEIC</b>		Tris (2-hydroxyethyl) Isocyanurate	839-90-7	PVC Stabilizer

## Polialcohols

Tradename	Supplier	Chemical Name	CAS-No.	Classification & Application
<b>NPG Neopentilglycol</b>	OO Chemicals		126-30-7	Polialcohol for Synthetic Rubber / Plasticizer production
<b>TMP Trimethylolpropane</b>	OO Chemicals		77-99-6	

He leído la [política de privacidad](#).

## Your contact for polymer additives:

Joan Marc Aguilà  
Sales Manager Polymer Additives  
Phone: +34 609 212 797  
j.aguilà@biesterfeld.com

---

## Imprint

### **Published by:**

Biesterfeld Ibérica S. L. U.  
C/Constitución 3, 3º 1ª  
08960 Sant Just Desvern  
Phone: +34 93 470 56 30  
comercial@biesterfeld.com

Registered Office: Hamburg, Commercial Register: AG Hamburg, HRB 66970, VAT-No. DE196 930 661  
Managing Directors: Peter Wilkes, Thomas Arnold

Our raw material information, data and graphics were obtained from the records of our raw material suppliers.  
Local availability of products might differ from country to country.

### **Disclaimer:**

We shall not be liable for the suitability of the goods for the purpose intended by Customer, unless the achievement of a certain outcome of the utilization was expressly incorporated into the contract. Our advice, information or recommendations regarding application shall be provided to the best of our knowledge. As the actual application is beyond our scope of influence, and as the circumstances of such application are not completely foreseeable, written and verbal indications, suggestions etc. can only be provided on a non-binding basis. They shall in particular not release Customer from the obligation to examine our products and goods for their suitability with regard to the intended processes and purposes.





**Biesterfeld Ibérica S. L. U.**  
C/Constitución 3, 3º 1ª  
08960 Sant Just Desvern  
Phone: +34 93 470 56 30  
comercial@biesterfeld.com  
www.biesterfeld.com