



# Performance Chemicals

Compounding



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Trade Name	Product Name / Description	CAS. Nr	Regional availability
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## Silane Crosslinkers & Coupling Agents

### Silanes

IMPAGSIL V171	Vinyltrimethoxysilane (VTMO)	2768-02-7	EU
IMPAGSIL V172	Vinyltris(2-methoxyethoxy)silane (VTMOEO)	1067-53-4	EU
IMPAGSIL V151	Vinyltriethoxysilane (VTEO)	78-08-0	EU
IMPAGSIL O187	( $\gamma$ -(2,3-Epoxypropoxy)propyl)trimethoxysilane (GLYMO)	2530-83-8	EU
IMPAGSIL A212	N-(2-Aminoethyl-3-aminopropyl)methyldimethoxysilane	3069-29-2	EU
Various modified siloxanes on request			

### Carboxylic acid ester crosslinker

TMPTMA	Trimethylolpropane triacrylate	3290-92-4	EU
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## Organic Peroxides (for Cable and Pipe Manufacturer)

IMPA-X DCUP	Dicumyl peroxide	80-43-3	EU
IMPA-X DTBP	Di(tert.butyl)peroxide	110-05-4	EU
IMPA-X DHBP	2,5-Dimethyl-2,5-di(tert.butylperoxy)hexane	78-63-7	EU

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# Pigments

## Inorganic Pigments

IMPABLACK	Fe-Oxide (C.I. Pigment Black 11)	1317-61-9	EU
IMPABROWN	Fe-Oxide (C.I. Pigment Red 101 / Yellow 42 / Black 11)	-	EU
IMPARED	Fe-Oxide (C.I. Pigment red 101)	1309-37-1	EU
IMPAYELLOW	Fe-Oxide (C.I. Pigment Yellow 42)	51274-00-1	EU
IMPAFERRICGREEN	Compound ferric green (C.I. Pigment Yellow 41 / Blue 15:3)	-	EU
IMPABLUE 29	Na-Al-S-Silicate Ultramarine (C.I. Pigment Blue 29)	101357-30-6	EU
IMPABLUE 28	Co-Al-Oxide (C.I. Pigment Blue 28)	1345-16-0	EU
IMPABLUE 36	Co-Cr-Al-Oxide (C.I. Pigment Blue 36)	68187-11-1	EU
IMPAGREEN 17	Cr-Oxide (C.I. Pigment Green 17)	1308-38-9	EU
IMPAYELLOW 53	Ni-Sb-Ti (C.I. Pigment Yellow 53)	8007-18-9	EU
IMPAYELLOW 184	Bi-V-Oxide (C.I. Pigment Yellow 184)	14059-33-7	EU
IMPAYELLOW 119	Zn-Fe-Spinel (C.I. Pigment Yellow 119)	68187-51-9	EU
IMPABROWN 24	Cr-Sb-Ti (C.I. Pigment Brown 24)	68186-90-3	EU
IMPABROWN 29	Fe-Cr (C.I. Pigment Brown 29)	12737-27-8	EU
IMPABLACK 33	Fe-Mn-Spinel (C.I. Pigment Black 33)	68186-94-7	EU

## Organic Pigments

IMPABLUE 15.4	Blue 15.4	147-14-8	EU
IMPABLUE 15.6	Blue 15.6	147-14-8	EU
IMPABROWN 25	Brown 25	6992-11-6	EU
IMPAGREEN 7	Green 7	1328-53-6	EU
IMPAORANGE 34	Orange 34	15793-73-4	EU
IMPAORANGE 36	Orange 36	12236-62-3	EU
IMPARED 112	Red 112	6535-46-2	EU
IMPARED 122	Red 122	980-26-7	EU
IMPARED 146	Red 146	5280-68-2	EU
IMPARED 166	Red 166	3905-19-9	EU



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IMPARED 170	Red 170	2786-76-7	EU
IMPARED 177	Red 177	4051-63-2	EU
IMPARED 242	Red 242	52238-92-3	EU
IMPARED 254	Red 254	84632-65-5	EU
IMPARED 48:2	Red 48:2	7023-61-2	EU
IMPARED 48:3	Red 48:3	15782-05-5	EU
IMPARED 53:1	Red 53:1	5160-02-1	EU
IMPARED 57:1	Red 57:1	5281-04-9	EU
IMPAVIOLET 19	Violet 19	1047-16-1	EU
IMPAVIOLET 23	Violet 23	6358-30-1	EU
IMPAYELLOW 110	Yellow 110	106276-80-6	EU
IMPAYELLOW 128	Yellow 128	79953-85-8	EU
IMPAYELLOW 13	Yellow 13	5102-83-0	EU
IMPAYELLOW 139	Yellow 139	36888-99-0	EU
IMPAYELLOW 14	Yellow 14	5468-75-7	EU
IMPAYELLOW 150	Yellow 150	25157-64-6	EU
IMPAYELLOW 151	Yellow 151	31837-42-0	EU
IMPAYELLOW 154	Yellow 154	68134-22-5	EU
IMPAYELLOW 155	Yellow 155	68516-73-4	EU
IMPAYELLOW 174	Yellow 174	78952-72-4	EU
IMPAYELLOW 174	Yellow 174	78952-72-4	EU
IMPAYELLOW 180	Yellow 180	77804-81-0	EU
IMPAYELLOW 194	Yellow 194	68134-22-5	EU
IMPAYELLOW 74	Yellow 74	6358-31-2	EU
IMPAYELLOW 83	Yellow 83	5567-15-7	EU
IMPAYELLOW 93	Yellow 93	5580-57-4	EU
IMPAYELLOW 95	Yellow 95	5280-80-8	EU

In our assortment we have a wide range of organic pigments.  
Details on request.



Trade Name	Product Name / Description	CAS. Nr	Regional availability
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## Conductive black pigments

IMPABLACK EC-3	Carbon Black	1333-86-4	EU (CH/AT/SI excluded)
KETJENBLACK EC-300-J	Carbon Black	1333-86-4	CH/AT/SI
KETJENBLACK EC-600-JD	Carbon Black	1333-86-4	CH/AT/SI

# Performance Additives

## Nucleating Agents

NA-98	1,3:2,4-Bis(3,4-dimethylbenzylideno) sorbitol	135861-56-2	EU
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## Flame Retardants

	Various flame retardants on request	-	EU
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## Additive Masterbatch

AR-01	Rodent Termite-Repellent for EVA	-	EU
AR-01-LD	Rodent Termite-Repellent for LLDPE	-	EU

Trade Name

Product Name / Description

CAS. Nr

Regional availability

# Compounds & Masterbatches

## Heat Shrinkable Compounds

HSC-T-384-ES	Anti-tracking Compound	-	EU
HSC-BL-63-1	Black Insulation Compound	-	EU
HSC-BL-65-C	Black Conducting Compound	-	EU

## Silicone Additive Masterbatches

SI-03-B	HFFR-PE, LSZH-PE, XLPE Cables and Compounds, LDPE base	-	EU
Si-05-B1	Non/Flame Retardant TPE Cables and Compounds, PP base	-	EU
SI-11-B	PVC, EVA Cables and Compounds, EVA base	-	EU
SI-18-B	TPU Polyester base HFFR Compounds	-	EU
SI-21	TPU Polyether base HFFR Compounds	-	EU



Trade Name	Product Name / Description	CAS. Nr	Regional availability
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## Standard Color Masterbatches

EVA/PE Masterbatch	For HFFR Cables	-	EU
PE Masterbatch	PE & XLPE Energy Cables	-	EU
TPU Masterbatch	Energy & Industrials Cables Standard	-	EU
TPU Masterbatch	Energy & Industrial Cable Flame Retardant	-	EU

<b>Available in</b>	EVA/PE Masterbatch for HFFR Cables	PE Masterbatch (PE & XLPE Energy Cables)	TPU Masterbatch (Energy & Industrial Cables Standard)	TPU Masterbatch (Energy & Industrial Cable Flame Retardant)
Beige	✓			
Black	✓	✓	✓	✓
Blue	✓	✓	✓	✓
Brown	✓	✓	✓	
Green	✓	✓	✓	✓
Grey	✓	✓	✓	✓
Orange	✓	✓	✓	✓
Pink	✓	✓	✓	✓
Red	✓	✓	✓	✓
Violet	✓	✓	✓	✓
White	✓	✓	✓	✓
Yellow	✓	✓	✓	✓



Trade Name	Product Name / Description	CAS. Nr	Regional availability
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## Mono Color Masterbatches

EVA Polymer Base	Various colors	-	EU
PE Polymer Base	Various colors	-	EU
PP Polymer Base	Various colors	-	EU

Available in	PP Polymer Base	EVA Polymer Base	PE Polymer Base
Red	✓	✓	✓
Yellow	✓	✓	✓
Green		✓	✓
Blue	✓	✓	✓
Black		✓	
Orange			✓
Grey			✓
Pearl			✓
Violet	✓		✓

## Functional Fillers

Silfit®	Calcined products based on silitin. A subsequent thermal process leads to a product that offers additional application benefits as a functional filler	-	CH
aktiSil®	Surface treated products. Silica that is treated with additives	-	CH
aktifit®	An activated SILIFIT, produced by surface treatment with synthetic silanes	-	CH
Expancel	Expandable microspheres	-	CH

Trade Name	Product Name / Description	CAS. Nr	Regional availability
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# Antioxidants

## Secondary Antioxidants

RIANOX 168	Tris(2, 4-ditert-butylphenyl)phosphite ester	31570-04-4	CH
RIANOX 626	Bis(2, 4-ditert-butylphenyl)pentaerythritol bisdiphosphite	26741-53-7	CH
RIANOX 636	Bis(2,6-di-ter-butyl-4-methylphenyl)pentaerythritol-diphosphite	80693-00-1	CH
RIANOX 686	Bis(2, 4-diquylphenyl)pentaerythritol-diphosphite ester	154862-43-8	CH
RIANOX TNPP	Tris(nonylphenyl)phosphite	26523-78-4	CH
RIANOX 412S	Pentaerythritol tetra (3-lauryl thiopropionate)	29598-76-3	CH
RIANOX DLTP	Thiodipropionic acid 12-12 alcohol ester	123-28-4	CH
RIANOX DSTP	Disocetanol thiodipropionate	693-36-7	CH

## Primary Antioxidants

RIANOX 1010	Tetra [ $\beta$ - (3, 5-ditert-butyl-4-hydroxyphenyl) propionic acid] pentaerythritol ester	6683-19-8	CH
RIANOX 1076	$\beta$ -octadecenol ester -(3, 5-ditert-butyl-4-hydroxyphenyl) propionic acid	2082-79-3	CH
RIANOX 330	1,3, 5-trimethyl-2,4, 6-tris (3, 5-ditert-butyl-4-hydroxybenzyl) benzene	1709-70-2	CH
RIANOX 3114	1,3,5-three (3,5-two tertiary butyl-4-hydroxy benzyl)-1,3,5-triazine -2 minus 2 (1h, 3h, 5h)-three ketone	27676-62-6	CH
RIANOX MD-1024	1,2-Bis(3,5-di-tert-butyl-4-hydroxyhydrocinnamoyl) hydrazine	32687-78-8	CH
RIANOX MD-697	2, 2-oxamide - bis [ethyl-3 - (3, 5-di-tert-butyl-4-hydroxy-phenyl)] propionate	70331-94-1	CH
RIANOX 1098	N,N '-Hexamethylbis (3, 5-ditert-butyl-4-hydroxy-phenyl)propanamide	23128-74-7	CH
RIANOX 245	Triethylene glycol bis [3- (3-tert-butyl-5-methyl-4-hydroxy-phenyl) propionate]	36443-68-2	CH

Trade Name	Product Name / Description	CAS. Nr	Regional availability
RIANOX 1790	1,3,5 - three (4 - tert-butyl - 3 - hydroxy - 2, 6 - dimethyl benzyl) - 1,3,5 - triazine - 2 minus 2 - (1 h, 3 h, 5 h) - three ketone	40601-76-1	CH
RIANOX 1520	4, 6-bis(octyl thiomethyl)o-cresol	110553-27-0	CH
RIANOX 1726	4, 6-bis(dodecyl thiomethyl)o-cresol	110675-26-8	CH
RIANOX 1135/1135ER	3, 5-ditert-butyl-4-hydroxyphenylpropionic acid, C7-C9 mixed ester	125643-61-0	CH
RIANOS 5057	N-phenylaniline reaction product with 2,4, 4-trimethylpentene	68411-46-1	CH
RIANOX 445	4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl] aniline	10081-67-1	CH
RIANOX 1035	2,2' -sulfite glycol bis [3-(3, 5-ditert-butyl-4-hydroxy-phenyl) propionate]	41484-35-9	CH
RIANOX 1019	N,N'-Propane-1,3-diylbis[3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionamide]	69851-61-2	CH
RIANOX BHT	2, 6-ditert-butyl-4-methyl phenol	128-37-0	CH

Your product of interest is not listed? Please contact us.

Our Performance Chemicals team will be glad to consult you on these products.

# Raw materials that turn your ideas into solutions.

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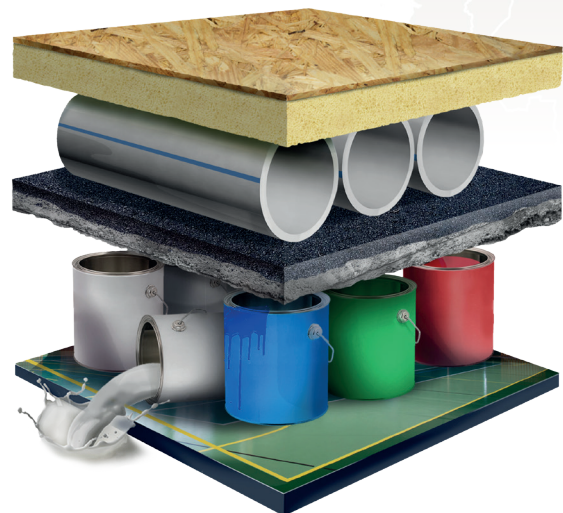
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## Performance Chemicals

This brochure is by no means regarded as complete, but can be taken as a useful guide.

If your solution of interest for your compound is not listed, please contact us.

Our Performance Chemicals team will be glad to consult you on these products.



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