



## Product portfolio

# Additives

UK

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## Functional fillers

PRODUCT	BRAND NAME	PRODUCER	PRODUCT DESCRIPTION
Carbon fibre	<b>ZOLTEK™ PX35</b>	ZOLTEK	Chopped and milled carbon fibres
Mineral fillers		Minerals I Derivats	Mineral fillers: talc, china clay, mica, barites and wollastonite
Calcium carbonate		GCC White Rock Minerals	Tailor-made calcium carbonate with excellent chemical purity (>99%), low iron content (Fe <sub>2</sub> O <sub>3</sub> < 100ppm) and very good colour value (L 97,5) for a large number of industrial applications as e.g. paints and coatings, plastics, paper, adhesives and sealants as well as for the glass and construction industry

## Pigments

PRODUCT	BRAND NAME	PRODUCER	PRODUCT DESCRIPTION
Titanium dioxide Rutil & Anatase	<b>Various types</b>	Various	Grades for paints and coatings, construction materials, adhesives and sealants

## Flame retardants

PRODUCT	BRAND NAME	PRODUCER	PRODUCT DESCRIPTION
Flame retardants Halogen free	<b>NOFIA™</b>	FRX Polymers Inc	Polymeric phosphor-based flame retardants for PC, PC/ABS, TPU, polyester, unsaturated polyester and epoxy resins as well as polyurethane. NOFIA™ homo- and copolymers as well as oligomers provide complete transparency, toughness, a high melt flow and achieve a very high limiting oxygen index. All the types are halogen free

## Flame retardants

PRODUCT	BRAND NAME	PRODUCER	PRODUCT DESCRIPTION
Flame retardant Synergist	<b>DICUMENE</b>	SI Group	Eco-friendly flame retardant synergist for substitution of SB2O3 and halogenated flame retardants in PP, PE, PS, EPS and HIPS
Flame retardants Halogen free	<b>MELAGARD MASTERET PHOSLITE</b>	Italmatch Chemicals S.p.A.	Halogen free flame retardants based on red and white phosphorus as well as melamine
Flame retardant Masterbatch	<b>VEMAB® FR</b>	VELOX	Tailormade flame retardant masterbatches for mainly Polyolefin applications. Individual solutions can be offered upon request
Flame retardant Synergist	<b>ADINS® Clay ADINS® Fireproof</b>	TOLSA Group	Organomodified high purity ultrafine sepiolite, a natural occurring needle-like silicate. Product is available on request in different coated versions
Flame retardants	<b>Potassium Perfluorobutane Sulfonate (KFBS)</b>	Time Chemical Co.	As a flame retardant additive, Potassium Perfluorobutane Sulfonate, is very effective in polycarbonate at very low levels of dosage. The addition of approx. 0,1% (of weight) can achieve flame resistance class VO. KFBS is thermally stable to temperatures higher than 450°C. Moreover, KFBS neither contains chromium, cadmium, lead, mercury nor PBDEs and will not affect the transparency or original physical properties. An excellent flame retardant performance can be achieved without using further synergists or decreasing the processability of the resin.

## Plastic additives

PRODUCT	BRAND NAME	PRODUCER	PRODUCT DESCRIPTION
Antimicrobial additive	<b>IONPURE</b>	Ishizuka	Antimicrobial additive based on a glass matrix with silver ions
Bio Plasticizers	<b>LUBIO®</b>	Schäfer Additivsysteme	Bio plasticizers for EVA, PA, PET and PU
Conductive additives	<b>avanSTATIC TPU avanSTATIC PVC avanSTATIC PU</b>	Avanzare Innovacion Tecnologica S.L.	Conductive additives for PU, TPU and PVC applications, enabling coloured compounds
Chain extender	<b>Fine-Blend®</b>	Fine-Blend	Chain extender for recycling of PC, PA and PET
Compatibiliser	<b>Fine-Blend®</b>	Fine-Blend	Compatibiliser for PC/ABS, PBT/ABS, Styrenics etc. Coupling agents for GF-filled
Hydrolytic Stabilizers	<b>LUBIO®</b>	Schäfer Additivsysteme	Hydrolytic stabilizers for PA, PET, PLA, PU and TPU
Impact modifier	<b>Fine-Blend®</b>	Fine-Blend	Impact modifier for PC/ABS, PBT
Lubricants	<b>STRUKTOL®</b>	Struktol Company of America	Unique processing aids for highly filled compounds and wood composites, as well as PVC
Lubricants	<b>WARADUR®</b>	Völpker	Montan waxes as slip, nucleating and dispersion agent for thermoplastic polymers
SBS	<b>TUFPRENE™</b>	Asahi Kasei	Impact modifier and compatibiliser for polystyrene
SEBS	<b>TUFTEC™</b>	Asahi Kasei	SEBS, SBBS and MAH-g-SEBS for polymer modification, compatibilisation and adhesives applications



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