



Special arrangements...



...our normal performance!

Marketing • Distribution • Service



We are distributor/agent for raw materials for

- plastics industry
- rubber industry
- adhesives and sealant industry
- coating industry
- and related industries

Our QM-System is certified according to EN ISO 9001:2000.

In particular we are supplying additives and technical service in close co-operation with the principals represented in the market.

Our Product-List includes among others standard additives and specialities such as

- fire retardants
- coloured fillers/chips
- processing aids based on fatty acid esters, dispersion aids, and impact modifiers
- functional fillers (bariumsulfate, talc, aluminium trihydrate)
- glassfiber-products
- polymeric and monomeric plasticisers
- chemical blowing agents
- light stabilisers, antioxidants, metal deactivators, and optical brighteners
- waxes, lubricants, slip- and antiblocks
- solvent dyes and phthalocyanine based pigments
- chlorinated polyethylene (PE-C)

FIRE PROTECTION AGENTS

ALUMINIUM HYDROXIDE		Ground aluminium hydroxide standard-grades as flame retardant filler for thermosets and rubber in different particle sizes. Also available with surface treatment for improved processing properties (i.e. fast and good dispersion etc.)
AMMONIUM POLYPHOSPHATE		Non-halogen flame-retardant, intumesces when exposed to the flame as the material decomposes and forms a heat-insulating char layer. For coatings and plastics to be processed at low/medium temperatures such as PVC, polyolefin's etc.)
RED PHOSPHORUS BASED CONCENTRATES		Red phosphorus based concentrates with 50 to 70% active ingredient in a wide range of organic polymeric carriers for easy handling, good plant hygiene, health and safety. These are not flammable products and as safe as the host polymer. Halogen free flame retardant for plastics and rubbers (i.e. polyolefins; nylon, PBT, epoxies etc.), in particular for glass fiber reinforced polyamides
MELAMINE DERIVATIVES		Halogenfree flame retardants based on melamine (M-cyanurate, M-phosphate, M-borate) for flame retarding and smoke suppressant of both filled and unfilled polymers (plastics and rubbers). Melaminborate is also known as effective replacement of antimony trioxide in PVC both as synergist and smoke suppressant.
PHOSPHINATES		New generation of highly efficient inorganic flame retardants based on phosphor for engineering plastics such as PP, TPO or PS, PC, PC/ABS, PBT and PA (nylon). These products can be used depending on the required standards either alone or in combination with conventional flame retardant products.
WTH-CPE135A	chlorinated polyethylene	Due to its high chlorine-content chlorinated polyethylene resins are also suitable dispenser for flame retarding plastics. Chlorinated polyethylene resins are compatible to fillers, weathering and migration resistant.
WTH-HBCD	hexabromocyclododecane	Halogene based flame retardant for polystyrene foam, polyolefins and rubber.
WTH-CP70	chlorinated paraffine	Solid chlorinated paraffine for efficient and economic flame retarding plastics und rubbers
WTH-EG	expandable Graphite	Flame retardant additive for various polymers and applications such as PU-foams for seatings, polyolefins, roofing sheets etc.

MODIFIERS/PROCESSING AIDS

WTH-CPE	chlorinated polyethylene (CPE)	Impact modifier for PVC with ~36% Cl-content, other Cl-contents or tailor-made products are available upon request.
WTH-CPE	modified CPE	CPE-Mixtures made from WTH-CPE with improved free flowing properties
FATTY ACID DERIVATIVE		Wax like fatty acid derivatives having unique chemical/molecular structure used to modify flow and release behaviour of filled thermoplastics, rubber and thermosets like with ATH filled FR EVA, talc filled PP, filled EPDM etc. Also suitable for processing temperatures >220°C. The product is also efficient as processing aid supporting homogenising effect of polymer alloys/blends.

FUNCTIONAL FILLERS

COLOURED POLYESTER CHIPS		Chips based on filled cured polyester in different particle sizes (different types from 6 to 140 mesh) and standard brilliant colours for production of kitchen sinks, counter tops, bath tubs and panels (artificial granite) closely matches natural stones. Casting and spray-up process.
BL-GRADES	ready-made colour-blends	Granite colour blends of granules which are added to ATH or calcium carbonate filler for casting and spray-up process.
RM-GRADES	ready-mix	Ready mix in powder-form, containing chips of different colour and ATH filler for solid surface casting application.
BaSO₄	barites (barium sulphate)	Ground high purity and white natural barium sulphate for making polymers sound absorbing or heavier, available in different particle sizes. Due to its high purity it gives good thermal stability of the filled compounds.
TALC	magnesium-silicate-hydrate	Fine ground, extremely plate shaped, extremely white and pure for modifying plastics (e.g. PP etc). Available in different particle-size distributions and purities.
PCC	precipitated Nano CaCO ₃	All purpose extremely fine precipitated calcium carbonate (surface treated) to achieve significant improvements of physical properties of polymer compounds even at low dosage (1-5% only). Depending on selected treatment compatible practically will all types of polymers

PLASTICIZERS

BENZOATE PLASTICIZER		Safe plasticizer for plasticising PVC, rubber, sealants etc.
POLYMERIC PLASTICIZERS		Different polymeric plasticizers such as polyesteradipates, polyesterglutarates, polyestersebacates and polyester-phthalates for migration/extraction resistant softening of plastics, rubbers, sealants etc.
REACTIVE PLASTICIZERS		Special ester type plasticiser for rubber compounds which get chemically bonded into the backbone of the polymer during curing process. Thus migration and extraction resistance of the plasticiser is improved which results in good 'permanent flexibility properties' in end-uses.
MONOMERIC PLASTICIZERS		Different monomeric plasticizers such as adipates, glutarates, sebacates or trimellitates for softening of plastics, rubbers, sealants etc.
'GREEN' PLASTICISERS		New generation of esters/plasticisers based on bio-degradable raw materials developed in particular as plasticiser and/or processing aid for improved processing and properties of related bio-polymers
EPOXIDIZED SOYBEAN OIL		Epoxidized soybean oils of different qualities for use as co-stabilisers and/or secondary plasticizers in particular for PVC-applications.
DRY LIQUIDS		Compounded product line consists of dispersion of liquids and semi-solids onto highly absorbent carriers for easier handling, dispersion, storage etc. Typical concentration of active ingredient is 72%.
ACETYLATED GLYCERIDES		Acetylated glycerides typically used as secondary plasticizer in combination with standard non-phthalic based plasticizers in flexible PVC etc. Due to its natural basis this product can be considered as a safe 'green plasticizer' too.

COUPLING AGENTS

CHEMICAL COUPLING AGENTS

New patented additive-type adhesion promoting system for improved coupling of reinforcements (fabrics, cords, fibres etc.), fillers in polymers and for rubber-to-metal-bonding. Very versatile product in different forms for mixing both into the compound or applying on the substrate.

REINFORCEMENTS/GLASSFIBERS

E-GLASS ROVINGS

Different types of rovings from 300 to 4800tex and sizings for the final end-uses available. Directrovings are usually processed in pultrusion, winding, weaving processes for production of bars, tanks, pipes or fabrics.
Conventional rovings are available in different qualities from 1200 up to 4800tex and sizings depending on end-use for excellent processing properties.

E- GLASS WOVEN ROVING

E-glass woven roving is a glass fabric woven from direct roving. Area weights of 300, 400, 500, 570 und 800 g/m² are available.

WTH-CSM

Chopped strands mat

E-glass chopped strands mat is made of fiberglass chopped strands of 50mm fiber length with powder binder or emulsion binder and unique area weights.
'WTH-CSM' mats are available in different unit weights (100 – 900 g/sqm) and roll widths (Standard-width = 1250mm).

EMK-MATS

E-glass knit mat is made from chopped fiberglass strands randomly dispersed and laid on a roving matrix and knitted together with organics fibers.

NON-WOVEN GLASS MAT

Non-woven glassfiber mats to be used as substrate for production of roofing mats. The product is available in all commonly used widths and with or without reinforcement fibers
There are several grades with different area weights 50 to 120 g/qm) and width available.

Different types of non-woven glass mats in different area weights and widths designed for use as substrate in flooring, wall-coverings or top-layer (surface mat) in FRP products (i.e. hand-lay-up).

POLYMERS

WTH-CPE135A

polyethylene, chlorinated

Standard material with 36% Cl-content, good rheological properties in particular when high filled and for injection-moulding process.

POLYCARBONATE-DIOLS

Aliphatic polycarbonate diols are used as intermediates for the production of high performance polyurethanes with superior resistance to heat, hydrolysis, oxygen, solvents and degradation by UV-light.



OTHER ADDITIVES

LUBRICANTS	Different lubricants (i.e. oleo chemical derivatives, ester wax derivatives, Fischer-Tropsch-Wax etc.) and lubricating compounds (internal and/or external lubricating effects) for uses in PVC, plastics, engineering plastics, rubber etc.
EBS-WAX	Versatile, multi-purpose lubricant with internal/external lubricating effects., also available with reduced acid values for sensitive polymers such as POM. Also used as mould-release in rubber and engineering plastics or flow improver/slip agent in polyolefins.
ERUCAMIDE, OLEAMIDE, STEARAMIDE	Lubricant, slip and antiblock additives for polyolefins, mould release agent for rubber-applications, dispersion-aid for pigments in printing inks etc.
STEARYL STEARAMIDE / STEARYL ERUCAMIDE	Secondary fatty acid amides with high heat stability for better processing of engineering plastics
CHEMICAL BLOWING AGENT BLOWING AGENT PREPARATIONS	Endothermic and/or exothermic chemical blowing agents as best composition of different blowing agents for best performing products available in various grades for different processing temperatures/gas-expansion etc for foaming plastics, also for injection-moulding and extrusion process. The product is available as powder, granules or paste.
WTH-ANTIOXIDANT ...	Different primary phenolic antioxidants for polymers based on steric hindered phenols and solid organic phosphites to protect polymers against thermo oxidative degradation.
WTH-LIGHT STABILISER	Different line of light stabilisers (e.g. benzophenones-benzotriazoles, HALS) for plastics and rubber.
WTH-OPTICAL BRIGHTENER ...	Fluorescent optical brightener to improve whiteness resp. for brilliant colours in plastics, fibers, coatings, inks etc
WTH-METALL DEACTIVATOR	Different metal deactivators of high purity in particular for use in polyolefinic cablecompounds.
MOLYBDENUM DISULFIDES	Heavy duty high performance lubricants for engineering plastics
MICRONIZED PENTAERYTHRITOL MICRONOIZED DIPENTAERYTHRITOL	Used as 'charformer' in intumescent flame retardant polymer systems.

MISCELLANEOUS

PURGE CONCENTRATE	Highly efficient purging concentrate for both extruders and injection moulding machines for almost all polymer-types and processing temperatures ranging from approx. 70-420 °C. PH-EPC does not contain any solvents and is not abrasive and does not generate under intended use harmful gases/vapours. It is safe and friendly to the environment.
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