



UNIVAR

Plastics Product List

Flame Retardants

Ingredient	Type	Trade Name	Supplier	Description
Flame Retardants	Aluminium Trihydrate	ATH	Pechiney	ATH is widely used as a flame retardant in plastics, paints, adhesives and sealants.
Flame Retardants	Antimony Trioxide	Antimony trioxide	Chemtura	Antimony products are used in combination with halogenated products to impart excellent flame retardant properties to a wide variety of polymeric and natural materials.
Flame Retardants	Antimony Pentoxide	Nyacol	Nyacol	Antimony products are used in combination with halogenated products to impart excellent flame retardant properties to a wide variety of polymeric and natural materials. Antimony pentoxide provides good translucency.
Flame Retardants	Bromine Based	Brominated	Chemtura	Highly effective flame retardants for use in a variety of plastics, including PVC, PET, polystyrene and polyethylene.
Flame Retardants	Phosphate esters	Rheofos, Kronitex	Chemtura	Phosphorus based flame retardants for thermoset and thermoplastic systems including polyamides, polycarbonates, PBT and PVC.

Impact Modifiers

Ingredient	Type	Trade Name	Supplier	Description
Impact Modifiers	SBS	Kraton D Range	Kraton	Block copolymers that are used in a variety of thermoplastics such as polyolefins, styrenics and engineering plastics to improve strength, elasticity, service temperature and electrical properties.
Impact Modifiers	SEBS	Kraton G Range	Kraton	
Impact Modifiers	SIS	Kraton D Range	Kraton	
Impact Modifiers	Powdered acrylonitrile - Butadiene rubber (NBR)	Baymod N	Lanxess	Modifiers supplied in powdered form offering excellent chemical, oil, and hydrolysis resistance. Offer very good flexibility and elasticity.
Impact Modifiers	Ethylene-propylene rubber (EPM/EPDM)	Buna EP	Lanxess	Offer resistance to weathering, ozone, aging resistance and low temperature flexibility. Can be used for technical moldings of all kinds.

Polyisobutylene

Ingredient	Type	Trade Name	Supplier	Description
Polyisobutylene	Polyisobutylene	Dynapak	Univar	Used in cast or blown film to improve tackiness.



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Lubricants/Waxes

Ingredient	Type	Trade Name	Supplier	Description
Lubricants/Waxes	Calcium Stearate		Sogis	Lubricants/waxes that can be used in many applications such as ABS, polyolefins, masterbatches, plastics, mould release agents and antistatic and antifogging aids.
Lubricants/Waxes	Magnesium Stearate		Sogis	Lubricants/waxes that can be used in many applications such as ABS, polyolefins, masterbatches, plastics, mould release agents and antistatic and antifogging aids.
Lubricants/Waxes	Zinc Stearate		Sogis	Lubricants/waxes that can be used in many applications such as ABS, polyolefins, masterbatches, plastics, mould release agents and antistatic and antifogging aids.
Lubricants/Waxes	Ethylene Bis-Stearamide		Various	An internal and external lubricant, release and anti-blocking agent. Also functions as a dispersant for pigments and color concentrates.
Lubricants/Waxes	GMS Estol 1474		Croda	
Lubricants/Waxes	Stearamide	Atmer	Ciba	Slip agent, oleamide with excellent heat stability.
Lubricants/Waxes	Erucamide, oleamide	Various	Various	Used in polyolefin films to reduce coefficients of friction and improve processing.
Lubricants/Waxes	Stearic Acid	Pristerine	Croda	Internal Lubricant

Plasticisers

Ingredient	Type	Trade Name	Supplier	Description
Plasticisers	Sebacate	Priolube	Croda	Sebacate plasticisers, due to their pharmacological safety, have use in the medical, pharmaceutical and food sectors.
Plasticisers	Phthalate	Various	BP/BASF	General use plasticisers for many end applications.
Plasticisers	Polymeric	Dioplex	Hyperlast	Dioplex polymeric plasticisers are high molecular weight, long chain polyesters designed to withstand the most severe conditions, with outstanding physical properties.
Plasticisers	Citric acid Esters	Citrofol	Jungbunzlauer	Plasticisers based on citric acid esters used as an alternative to phthalates.
Plasticisers	Chlorinated Paraffins	Cereclor	Ineos Chlor	Plasticiser with flame retardant properties, widely used in PVC.

Miscellaneous

Ingredient	Type	Trade Name	Supplier	Description
Filler	Calcium Carbonate	Various	Solvay/ Speciality Minerals	Precipitated / treated calcium carbonate is a widely used filler for many systems.
Fillers	Fumed silica	Cabosil	Cabot Corporation	Widely used in silicone rubber compounds including moulding compounds, sealants and liquid silicone rubber. Used to improve tensile strength, elongation at break and tear resistance.



Plastics Product List

Pigments

Ingredient	Type	Trade Name	Supplier	Description
Pigments	Dispersions	Elite	Univar Ltd.	A range of inorganic and organic pigment dispersions in various resin systems.
Pigments	Dispersions	Monolite	Heubach GmbH	Monastral and Monolite HD Pastes are highly concentrated, fully dispersed pigment pastes with humectant, based on non-ionic wetting agents.
Pigments	Dispersions	Monastral	Heubach GmbH	A range of inorganic and organic pigment aqueous dispersions.
Pigments	Various	Flamingo	Aron	A range of fluorescent dyes and pigment pastes for use in plastics.
Pigments	Chrome Oxide	Chrome Oxide	Elementis Pigments	Elementis Chrome Oxide pigments have good lightfastness, colour intensity, brilliance and thermal stability.
Pigments		Lumilux	Honeywell Speciality Chemicals	A range of speciality effect "glow in the dark" phosphorescent pigments.
Pigments	Aluminium powders & pastes	Alpate /Metashine/ Metax	Toyol Europe SA	A range of speciality effect aluminium pigments for plastic compounding.
Pigments	Iron Oxide	Iron Oxide	Various	Elementis iron oxide pigments have excellent light and weathering properties with high heat resistance.
Pigments	Titanium dioxide - rutile	Tiona 125	Millennium	High performance rutile grade for use in masterbatch, cast and blown films and injection and blow moulding.
Pigments	Titanium dioxide - rutile	Tiona 168	Millennium	A durable, neutral-tone rutile pigment with outstanding resistance to weathering and greying, combined with good optical properties and ease of processing in many polymer systems.
Pigments	Titanium dioxide - rutile	Tiona 188	Millennium	A very blue tone, high performance rutile pigment designed for use in demanding white and tinted masterbatch applications and compounds.
Pigments	Photochromics	Reversacol	James Robinson	Colour change pigments which are activated by UV light.
Pigments	Glitter	Various	Various	A range of glitter foils for use in various plastics.
Pigments	Anthraquinone	Monolite	Heubach GmbH	Monolite polycyclic pigments are high performance pigments with good wetting & transparency.
Pigments	Diazo	Vynamon	Heubach GmbH	Vynamon pigments have excellent resistance to light & weathering & are particularly recommended for use in PVC.
Pigments	Monoazo	Monolite	Heubach GmbH	Monolite monoazo pigments providing excellent light fastness and weather resistance.
Pigments	Phthalocyanine	Monastral	Heubach GmbH	Monastral pigments are phthalocyanine blue & phthalocyanine green pigments. They have outstanding fastness and weathering properties.

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