ULTRA-PLAST™

ULTRA-PLAST™ TP products are designed to facilitate the flow properties of resin melts. They also improve the dispersion of chemicals in compound formulations, such as pigments, impact modifiers, flame retardants and fillers in compound formulation.

ULTRA-PLAST™ WF products are specially developed for applications with Wood-filled Plastic Composites (WPC). They improve WPC compounding characteristics as well as facilitate the down line processes like extrusion and injection moulding.

ULTRA-PLAST™ TP

Product	Appearance / Form	Chemical Composition	Dropping Point (°C)	Applications
ULTRA-PLAST™ TP01	Beige pastilles	Composition of fatty acid soaps and amides.	102	It is an efficient blending and dispersing additive in highly filled systems, leading to a more homogenous mix. It is also an effective lubricant for polyolefins like PVC, PS, ABS and several TPO systems.
ULTRA-PLAST™ TP05	Beige pastilles	Amide of oleic acid.	73	It is predominantly used as a slip agent in PE-films. It improved mould release and surface appearance. This is valuable in processing of thermoplastic resins, TPEs and thermoset rubber systems.
ULTRA-PLAST™ TP06	Beige pastilles	Amide of erucic acid.	83	ULTRA-PLAST™ TP06 is predominantly used as a slip agent in films. TP06 migrates slower than TP05 but has better heat stability.
ULTRA-PLAST™ TP07	Beige pastilles	Ethylene-Bis-Stearamide.	143	ULTRA-PLAST™ TP07 is a fully saturated amide, which works effectively as an internal and external lubricant in most plastics and also in some elastomer systems.
ULTRA-PLAST™ ZnSt	White pastilles	Zinc stearate.	120	ULTRA-PLAST™ ZnSt is a lubricant for a wide range of plastic compounds.

ULTRA-PLAST™ WF

Products containing metal soaps.

Product	Appearance / Form	Chemical Composition	Dropping Point (°C)	Applications
ULTRA-PLAST™ WF101	Beige pastilles	Mixture of fatty acid soaps and amides.	105	It acts as an efficient blending and dispersing agent in wood filled systems, leading to a more homogenous blend. It also works as an excellent lubricant under high shear conditions, e.g. injection moulding.
ULTRA-PLAST™ WF109	Beige pastilles / powder	Blend of fatty acid derivatives.	120	It improves the fibre dispersion in wood plastic composites. In addition, it shows excellent lubricating properties, thus increasing output. It is also very effective in other polyolefin compounds where improved processability is needed.

Metal free products (suitable for use when coupling agent is present)

Product	Appearance / Form	Chemical Composition	Dropping Point (°C)	Applications
ULTRA-PLAST™ WF516	Brown pastilles / powder	Amides of special fatty acids.	145	It acts as an efficient blending and dispersing agent in wood filled systems, leading to a more homogenous blend. It has excellent internal and external lubrication characteristic that leads to higher output and improves surface appearance of the finished goods.
ULTRA-PLAST™ WF519	Light brown pastilles	Esters of special fatty acids and selected amides.	110	It improves the processability of WPC compounds where dimensional stability is of great importance.

Product	Appearance / Form	Chemical Composition	Dropping Point (°C)	Applications
ULTRA-PLAST™ WF520	Light brown pastilles	Mixture of fatty acid esters and amides.	80	ULTRA-PLAST™ WF 520 contains amides which has reactive sites available for hydrogen bonding and thus improve the blending between polymer/wood, leading to a more homogeneous mix.
ULTRA-PLAST™ WF520F	Light brown pastilles	Mixture of fatty acid esters and amides on inorganic carriers.	80	It behaves and functions similarly to ULTRA-PLAST™ WF 520. Smoother surface finish is expected.
ULTRA-PLAST™ WF524	Yellow pastilles	Blend of amides and special fatty acid esters.	140	An excellent internal and external lubricant which greatly increases the output during extrusion. Excellent surface finishing and dimensional stability of the extrudate would be achieved.