

ULTRA-PLAST™ TP01

Composition of fatty acid soaps and amides

Typical Properties

Appearance		Beige pastilles ^[1]
Specific Gravity		0.98
Dropping Point	°C	102
Physiological behaviour		Refer to Safety Data Sheet
Storage stability		At least 2 years under normal conditions

Packaging

25 kg polyethylene bag

Product Description

ULTRA-PLAST™ TP01 contains reactive sites which create hydrogen bonding and can therefore act as coupling agent between polymer and filler.

It acts as an efficient blending and dispersing agent in highly filled plastics compounds, leading to a more homogeneous initial mix.

At processing conditions, **ULTRA-PLAST™ TP01** is an effective lubricant for polyolefins like PVC, PS, ABS and several TPO systems.

Applications recommended for **ULTRA-PLAST™ TP01** include highly filled TPE and TPO compounds, filled olefins, flame retarded systems and colour concentrates. In addition, it can be used in unfilled elastomers where reduced viscosity and improved flow under processing conditions are desired. In many cases, better surface appearance and more uniform mould shrinkage can be observed.

Dosage

0.25 % to 1.0%

^[1] Our products are made from natural based raw materials and exhibit different shades. Depending on storage conditions and period the products may develop discoloration. These color variations do not deteriorate the product effectiveness.

The information and data contained in this data sheet are believed to be correct based on our best knowledge. Therefore, any information is given on condition that users shall make their own assessment of suitability of the product for a specific purpose. We accept no liability for any use or application unless explicitly stated by us. These data are not to be considered as specification.

All values stated in the properties are typical numbers only.