

## Technical Information

## TEGOMER® M-Si 2650

TEGOMER® M-Si 2650 is an organo-modified siloxane of comb-like structure containing non-reactive aromatic groups.

TEGOMER® M-Si 2650 improves the processing and performance of polyolefins and thermoplastic elastomers.

**Physical properties**

Flash point	> 100 °C
Functional groups	aromatic
Viscosity (25°C)	approx. 50 mPas
Appearance (25°C)	liquid, slightly colored
Density	approx. 0.99 g/cm <sup>3</sup>

**Application**

TEGOMER® M-Si 2650 is used as an additive for:

- thermoplastic elastomers
- polyesters
- polystyrene
- technical compounds

TEGOMER® M-Si 2650 improves rheological properties during processing and surface characteristics in final parts.

TEGOMER® M-Si 2650 is supplied as a low viscosity fluid which is introduced in pre-blending or direct feeding via liquid dosage.

**Benefits**

TEGOMER® M-Si 2650 can be used as a rheological modifier in polyolefin and thermoplastic elastomers. In addition it shows the following benefits:

- easier processing
- higher through-put rates
- improved mould release properties during injection moulding
- higher surface quality giving better abrasion and wear resistance

**Dosage**

TEGOMER® M-Si 2650 can be applied by pre-blending or direct feeding in a liquid dosage.

Recommended concentration of use for TEGOMER® M-Si 2650 to achieve full effectiveness is between 0.3 % and 2.0 %.

**Handling**

TEGOMER® M-Si 2650 can be applied by pre-blending or direct feeding in a liquid dosage.

**Registration status**

TEGOMER® M-Si 2650 is listed in the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, KECL, and IECSC

Based on the submitted information of our raw material suppliers we can confirm, that TEGOMER® M-Si 2650 is compliant with EC Regulation 1907/2006 (REACH).

**Storage stability**

TEGOMER® M-Si 2650 is stable in closed containers for a minimum of 1 year.

**Packaging**

50 kg PE-drums (300 kg each pallet)  
1 000 kg containers

## Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

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