

## Technical Information

## TEGOMER® AntiScratch L

TEGOMER® AntiScratch L is an organo-modified siloxane delivered in liquid form.

## Physical properties

Appearance	liquid
Viscosity (25°C)	950 – 2 000 mPas

## Application

- TEGOMER® AntiScratch L is recommended to be used in polyolefin compounds to guarantee permanent scratch resistance.
- TEGOMER® AntiScratch L is also suitable for PP/TPO systems used for interior and exterior car application.
- TEGOMER® AntiScratch L can be applied in polyolefin co-compounds with polar thermo-plastic materials such as PBT or PA.

## Dosage/ Handling

TEGOMER® AntiScratch L can be used with up to 2.5 % without any influence on the afterwards applied coating, printing or adhesive on the final part.

TEGOMER® AntiScratch L should be used with 0.75 to 2.0 % in PP talc systems. The higher the talc content the higher the dosage level of TEGOMER® AntiScratch L has to be.

TEGOMER® AntiScratch L can be used during the compounding to improve scratch resistance.

TEGOMER® AntiScratch L can be used in a full premix of all compound ingredients. A suitable liquid dosage equipment with precise dosing via pumps is the preferred way of incorporation into the molten polymer filler phase.

## Benefits

TEGOMER® AntiScratch L is a non-migrating additive for the improvement of permanent long-term scratch resistance.

TEGOMER® AntiScratch L is highly effective and does not have to be combined with amides.

TEGOMER® AntiScratch L allows to manufacture surfaces with no negative influence regarding haptic issues.

TEGOMER® AntiScratch L works in a wide range of talc filling as it is typical for interior and exterior automotive application with 10 – 40 % talc filling.

TEGOMER® AntiScratch L does not influence the gloss of the polyolefin compound if it is distributed by a sufficient liquid dosage equipment or in the premix.

TEGOMER® AntiScratch L is suitable for thermo-plastic polyolefin with other inorganic fillers, e. g. wollastonite.

## Registration status

The ingredients of TEGOMER® AntiScratch L are listed in the following inventories:

EINECS, TSCA, DSL, KECL, ENCS, AICS, PICCS, IECSC, NECSI and NZIOC

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

## Storage stability

TEGOMER® AntiScratch L is stable in closed containers for a minimum of 12 months.

## Packaging

200 kg drums (800 kg each pallet)  
950 kg container

## 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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