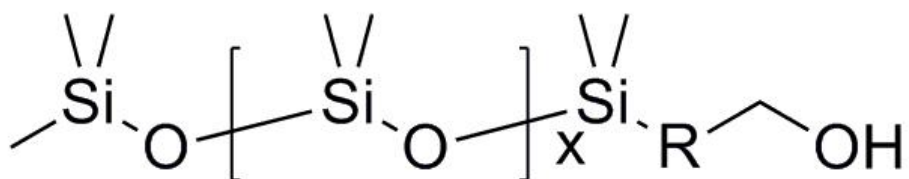


Silicone modifier Tech-2170

Descriptions

Tech-2170 is a modified polysiloxane compound with single-ended monohydroxyl group, which has a highly reactive hydroxymethyl-terminal functional group-CH₂OH, and the reactivity is much higher than that of ordinary hydroxyl silicone oil with Si-OH as the reactive functional group. Through its reaction with isocyanate, silicone components can be introduced into the polyurethane material, thereby improving the flexibility, water resistance, slip resistance, weather resistance and other properties of the polyurethane material.



Physics and Chemical properties

Ingredient: Single-ended hydroxyalkyl polysiloxane copolymer

Appearance: Light yellow transparent liquid

Molecular weight: About 4500-5000

Content: 100%

Reactive group: Primory hydroxyl group

Specialty and Dosage

- 1、Excellent anti-sticking and peeling effect;
- 2、Reduce the surface tension, improve the wettability of the release paper and the substrate, improve the leveling of the resin, and the performance of anti-shrinkage and pinholes;
- 3、Increase softness, provide a smooth surface and smooth feel for PU synthetic leather;
- 4、Improve air and moisture permeability;
- 5、Improve abrasion resistance and low-temperature flexural resistance; The dosage can be 0.1-5% of the total amount, 0.2-1% of the permanent feel, 2-6% of anti-sticking, and 1-6% of resin modification, which can be added at any stage of production, suitable for water-based and oil-based systems.

Package

25kg iron drum

TECH Polymer

A company focus on additives since its birth

For research and development purposes only, there is no warranty of any kind, so please test its suitability in advance.

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