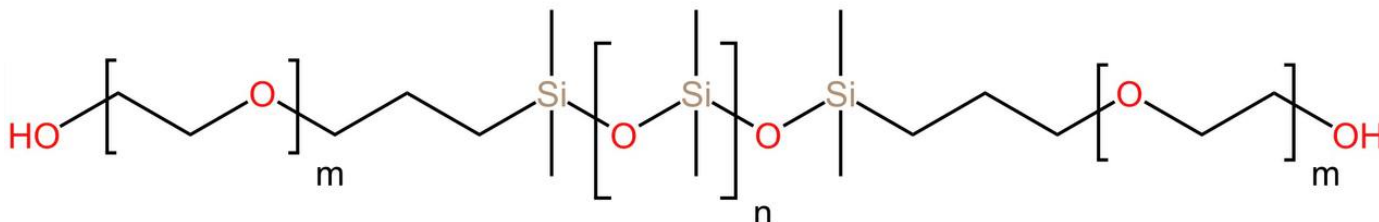


ASTRA REACT 502

Reactive silicone

Description

ASTRA REACT 502 is a hydroxyalkyl terminated organosilicone compound that has highly reactive terminal -CH₂OH functional groups. The reactivity of this group is higher than reactivity of -Si-OH group. ASTRA REACT 502 could react with isocyanates, and could introduce properties of polysiloxanes to the polyurethane materials: improve flexibility, improve water and weather resistance, improve the smoothness and so on. ASTRA REACT 502 could create permanent low surface tension layer on the surface of the coating.



Physical and Chemical properties

Ingredient: Polyether and hydroxyalkyl terminated polysiloxane copolymer (M_n ≈ 2200)

Appearance: Light yellow transparent liquid

Active part: 100%

Application System and Dosage

ASTRA REACT 502 is suitable for any crosslinking system that reacts via -OH groups, such as polyurethanes, amino systems and others.

The recommended dosage of the additive is around 0.1-6% upon total formulation in terms of different requirements. It could be introduced at any stage during the manufacture.

Package

25kg metal pail.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

