

+86 0571 555 3535 Qian Tan Cheng Dong, Jiande, Hangzhou, Zhejiang Province

astra-chemical.com info@astra-chemical.com

ASTRA REACT 102

Reactive silicone

Description

ASTRA REACT 102 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 102 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 102 could create permanent low surface tension layer on the surface of the coating.

Physical and Chemical properties

Ingredient: Hydroxyalkyl terminated polysiloxane (Mn \approx 1000)

Appearance: Colorless transparent liquid

Active part: 100%

Hydroxyl number: 100-110

Application System and Dosage

ASTRA REACT 102 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 0.2-1% for persistent slip, 2-6% for dirt resistance. It could be introduced at any stage during the manufacture.

Package

25kg metal pail.

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