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ASTRA REACT 1302

Reactive silicone

Description

ASTRA REACT 1302 is a modified organosilicone compound with highly reactive terminal functional groups -CH2NH2. By the reaction via terminal functional groups polysiloxane could be incorporated into different systems in order to improve the flexibility, smooth and weather resistance and other characteristics. ASTRA REACT 1302 can create permanent low surface tension layout on the surface of the coating.

$$H_2N$$
 R
 Si
 O
 Si
 O
 Si
 NH_2

Physical and Chemical properties

Ingredient: Amine-terminated polysiloxane (Mn≈4000)

Appearance: Light yellow transparent liquid

Active part: 100%

Application System and Dosage

ASTRA REACT 1302 is suitable for any crosslinking system that could react via -CH2NH2 groups.

The recommended dosage of the additive is around 0.2 - 1% for persistent slip and is 2 - 6% for antidirt properties. It could be introduced at any stage during the manufacture.

Package

25kg pail.

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