

Si-PolyU 5013

Product Description

Si-PolyU 5013 is an apolar, moderate viscous polymer, designed for solvent- and isocyanate free sealants and elastic adhesives formulations. It has a polypropylene oxide-backbone, terminated with trimethoxysilyl groups.

The polymer cures at ambient temperatures upon reaction with water. Formulations based on this polymer show good adhesion properties to various substrates, without prior use of primers or any surface treatment.

Technical Data

(No Specification)

Product Properties	Technical Data
Appearance at 23°C	clear, colorless to yellowish liquid
Density at 23°C	~ 1.01 g/cm ³
pH	6-8
Viscosity Brookfield RV, SC4-31 Spindle, 12 RPM, 25°C, 20 min	10 000 – 17 000 mPa•s

Properties and Applications

Si-PolyU 5013 is a hybrid polymer, which is used as reactive binder in adhesives, sealants or coatings.

Handling and Storage

Si-PolyU 5013 should be stored under dry and cool conditions. Freezing and exposure to direct sunlight of the product should be avoided.

The 'Best use before end' date of each batch is shown on the product label.

When stored as recommended, the shelf-life is 12 months.

Si-PolyU 5013 reacts upon exposure to moisture. Thus, it is recommended to tightly close container after use. Opened containers should be consumed soon.