

STP M35

MS Polymer / Silyl-Terminated-Polyether

Description

Manta STP M35 is a silylated polyurethane resin suitable for the production of one component moisture curable sealants and adhesives. M35 is an excellent matrix resin for producing medium modulus sealants and adhesives in industrial and transportation applications where tensile strength is required.

Its advantages include a wide range of formulations and adaptation, strong adhesion to a variety of surfaces, excellent chemical resistance and weather resistance, excellent elastic recovery, long shelf life, etc.

The Equivalent List

Manta	Wacker	Kenaka
M35	GENIOSIL ® STP-E35	

Typical Physical Properties

Manta code:	M35
Chemical Name:	Trimethoxysilane Terminated Polyether
CAS No.:	216597-12-5
Appearance	Colorless Transparent Liquid
Flash Point (°C):	>237
Viscosity (25°C) / mpa·s:	30000 - 42000
Density (25°C) / g/cm ³ :	1.02 - 1.05
Catalyst Dosage (Tin, %):	1 - 2

Chemical Structure:



Properties

- High Active, Fast Curing.

- Good mix with normal additives.
- Good transparency.
- Good yellowish resistance.
- Excellent mechanical properties.
- Widely bond to substrates.

Applications

M35 resin does not contain plasticizer and has relatively low viscosity, it can be used in door and window edge sealing, door and window waterproof sealing, kitchen and bathroom mildew proof and waterproof sealing, floor sealing, high transparent glass sealing and other construction fields and bus seam sealing, rail transit seam sealing, tricycle weld sealing and other industrial sealing.

Packaging

50kg plastic drum, 200kg drum, 1000kg IBC

Safety and Storage

Keep in a cool and dry place and avoid storage in direct sunlight. Shelf life is 12 months. It is non-hazardous substance.

Contact Information

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