

# Manta MS2628

Silyl-Terminated Polyether

### Description

Manta MS2628 is a low-viscosity Silyl-Terminated Polyether (STPE) polymer, specifically engineered for high-performance moisture-curing adhesives and sealants. By integrating a specialized polyether backbone with methyl-dimethoxy silane functional groups, it achieves a superior balance of rapid reactivity, high structural hardness, and exceptional storage stability.

Designed for both hot and cold blending processes, MS3302H stands out for its extensive formulation latitude, allowing for high filler loading without compromising processability. It delivers a fast tack-free time and develops high mechanical modulus shortly after application. Formulations based on MS2628 are 100% solvent-free and isocyanate-free, providing a high-strength, eco-friendly alternative for demanding industrial environments.

### Typical Physical Properties

Manta code:	MS2628
Chemical Name:	Silane terminated polyether
Appearance	Light yellow viscous liquid
Viscosity (25°C) / mPa·s:	6000-9000
Gravity(g/cm <sup>3</sup> )	1.002 ~ 1.005
Surface drying time (min):	
Tensile strength (MPa):	
Elongation at break:	
Hardness (Shore A):	
pH value:	6.0 ~ 9.0
Activity:	
Modulus:	High Modulus

### Properties

- Enhanced Hardness & Structural Rigidity: Ideal for high-modulus sealants and structural adhesives requiring high Shore A hardness.
- Accelerated Productivity: Delivers a significantly faster tack-free time, enabling quicker handling and shorter production cycles.

### Applications

Manta MS2628 is polymer suitable for:

- Flooring Adhesives
- Industrial Adhesives
- General Adhesive

### Packing

50kg plastic drum lined with aluminum foil bag; 200kg drum lined with aluminum foil bag;  
1000kg IBC/Tote;  
Can be customized.

### 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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