

DESCRIPTION

Non reactive methyl phenyl silicone resin

KEY BENEFITS

- air-drying properties
- excellent compatibility with organic resins
- easy to formulate

SUITABILITY

waterborne	solventborne
●	●
high solids	
●	

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Heat-stable coatings for industrial facilities
- Protective coatings
- Ovens, furnaces, pipelines, incinerators

TECHNICAL DATA

appearance	clear to hazy colored liquid (product properties are not affected by haziness)
delivery form	liquid
non-volatile content	Approx. 80 %
solvent	isobutanol / xylene 1:3
viscosity at 25 °C	Approx 3000 mPas

SOLUBILITY

Xylene	Dowanol MPA
●	●
Butylacetate	Cyclohexanone
●	●
Butanol	
●	

● not soluble ● partly soluble ● soluble

PROCESSING INSTRUCTIONS

- We recommend a mixture of xylene with polar solvents, such as isobutanol (e.g. i-butanol/xylene = 1:10).
- Use with metallic pigments and special formulations to obtain continuous heat-resistance of up to 650 °C.
- Surface pre-treatment: Degreasing and shot-blasting is recommended.
- Formulated coatings exhibit corrosion protection after air-drying. Full protection develops when the objects are exposed to the operating conditions. Handling and transport are possible without intermediate baking.

CURING CONDITIONS

250 °C / 30 min.

HANDLING & STORAGE

When stored in an original unopened packaging between -10 and +40 °C, the product has a shelf life of at least 12 months from the date of manufacture. However, contact with tin (e.g. with metal containers) will shorten storage stability. Keep dry. Contact with moisture causes gelation.

MSDS & REGULATORY INFORMATION

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