

DESCRIPTION

Non reactive methyl phenyl silicone resin

KEY BENEFITS

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

SUITABILITY

waterborne	solventborne
●	●
● not suitable	● partly suitable
● partly suitable	● suitable

● 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. 50 %
solvent	isobutanol / xylene 1:19
viscosity at 25 °C	Approx. 30 mPas

SOLUBILITY

Xylene	Dowanol MPA
●	●
Butylacetate	Cyclohexanone
●	●
Butanol	
●	

● not soluble ● partly soluble ● soluble

PROCESSING INSTRUCTIONS

- Use with metallic pigments and special formulations to obtain continuous heat-resistance of up to 650 °C.
- We recommend a mixture of xylene with polar solvents as i-butanol or butylacetate (e.g. i-butanol/xylene = 1:10).
- 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, the product has a shelf life of 24 months from the date of manufacture.
- Contact with tin (e.g. with metal containers) will shorten the storage stability. Keep dry. Contact with moisture causes gelation.

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