

HunSil SRH 56

Thermosetting silicone resin

Description

Solution of polymethylphenylsiloxane resin modified with polyester in organic solvents.

Properties

- Excellent high-temperature and low-temperature resistance, hydrophobicity and moisture resistance;
- excellent weatherability and chemical resistance;
- high coating hardness and gloss;
- resistance to yellowing at high temperature.

Storage

Store in hermetically sealed original container at temperatures from minus 30 ° C to +35 ° C.

Store in a cool, dry, well-ventilated place, away from areas of fire hazard. Protect from direct sunlight, moisture and contact with acids and alkalis.

Shelf life in the packaging of the manufacturer - 6 months.

Storage longer than the date indicated on the label does not necessarily mean further uselessness of the product. However, if the shelf life is exceeded, the properties of the product should be checked before use.

Packing

Steel barrels of 200 kg and drums of 20 kg.

Safety instructions

The product is flammable, please observe fire safety precautions when carrying out work.

Please see comprehensive instructions in the relevant product safety data sheet, which can be provided upon request by representative of Unisil Hungary Kft. or printed from the website of Unisil Hungary Kft

www.unisil.eu.

Area of application

- For coatings resistant to high temperatures;
- for heat-resistant non-stick coatings on kitchen appliances;
- in coil coatings;
- in resins for special coatings.

Application

Curing:

Resin is cured by curing at high temperature, best recommendation: 250 °C for 20 minutes. If (10-15) % amino resin is added to the resin, the mixture will cure at room temperature. The addition of amino resin may cause a slight yellowing when the coating is heated to high temperatures.

Precautions:

- The solvent used in this product must not contain water, pyridine-sulfur compound or its impurities, otherwise it will affect the adhesion, dryness and other properties of the polymer paint film. The recommended dilution solvent is PMA (propylene glycol acetate monomethyl ester), small amounts of butanol or butyl ether can be used. Xylene should not be used.

- During the processing of this product, large amounts of flammable, explosive and toxic solvents will evaporate. Attention should be paid to increasing the ventilation of the room, paying attention to fire prevention and strictly avoiding the source of ignition. Equipment and utensils used to handle this product must be clean.

- Acids, alkalis, organic acid salts and amine compounds can accelerate the curing of this product and affect temperature resistance.

Technical specification of resin HunSil SRH 56

Appearance	Colorless transparent liquid.	Visually
Time of outflow at (25.0±0.5) °C, s, measuring cup with a leakage hole diameter of 4 mm	270-600	ISO 2431
Mass fraction of non-volatile substances at (150±2) °C, (60±2) мин, (2,0±0,2) г, %	58±2	ISO 3251
Mass fraction of silicon, %, not less	30	
Acid number, mg KOH/g	3-6	
Hardness of the resin film, not less	5H	

For more information please contact your nearest representative of Unisil Hungary Kft.

LIMITED WARRANTY INFORMATION PLEASE READ CAREFULLY

The information contained herein is accurate, but it does not relieve the customer from the control of each batch of products supplied. Since the conditions and methods of use of our products are beyond our control, the recommendations contained in this document should be updated by the client providing preliminary tests. Recommendations for use should not be construed as a guarantee of product suitability for a particular purpose. Unisil Hungary Kft guarantees only that the product meets its specifications in effect at the time of delivery.