

HunSil SRE 52 XT

Silicone electrical insulating resin

Description

A solution of polymethylphenylsiloxane resin in xylene and toluene.

Properties

It has:

- excellent high and low temperature stability, hydrophobicity and moisture resistance;
- good electrical insulating, arc and corrosion resistance;
- high strength after full cure;
- good filling capacity;
- high temperature resistance.

The product dries quickly at normal temperatures and does not turn yellow at high temperatures.

Application

It is widely used for high temperature high quality insulating coatings.

Recommended for use at temperatures over 600 °C.

Storage

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

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

Guaranteed shelf life in original container is 12 months.

Storage over the date specified on the label does not necessarily mean the product is unusable. In case if store more please check the properties of product before use.

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.

Packing

Steel drums with a capacity of up to 200 L.

Technical specification of HunSil SRE 52 XT

Appearance	Transparent liquid. Slight opalescence and insignificant impurities due to the container are allowed	Visually
Color	Colorless to light yellow	Visually
Time of outflow at (20±0.5) °C, s, measuring cup with a leakage hole diameter of 4 mm	25 - 60	ISO 2431
Mass fraction of non-volatile substances at (100±2) °C, (180±2) min, (2,0±0,2) g, %	55±2	ISO 3251
Drying time of the resin film to degree 3 on a copper plate at (200±5) °C, min, not more	15	
Thermoelasticity of the resin film on a copper plate at (200±5) °C, hours, not less	50	
Specific volumetric electrical resistance of the resin film, Ohm*m: M (15-35) °C 45-75 % M (180±2) °C, <20 % 24 h (20±1) °C, 93 %	no less 1*10 ¹² no less 1*10 ¹⁰ no less 1*10 ¹¹	
Electric strength of the resin film, MV/m: M (15-35) °C 45-75 % M (180±2) °C, <20 % 24 h (20±1) °C, 93 %	no less 70 no less 35 no less 35	

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.