

LOCTITE® STYCAST FILLER SC

November 2023

Product description

LOCTITE® STYCAST FILLER SC provides the following product characteristics:

Technology	Silica
Appearance	White
Product benefits	• Rheological additive to liquid polymers • Very fine grade solid
pH value (4% aqueous dispersion)	3.5 to 4.2
Application	Potting & casting; Additive

LOCTITE® STYCAST FILLER SC is an additive used to enhance and modify the properties of liquid resin systems. It is formulated to help achieve a certain level of viscosity and a well-defined thixotropy of the product.

TYPICAL PROPERTIES OF UNCURED MATERIAL

Particle size, average, nm	12
Ignition loss, 1000°C moisture-free basis, %	1
Density, g/l	2.2
Shelf life @ 25°C, days	365

GENERAL INFORMATION

Please consult the Safety Data Sheet (SDS) for safe handling information of this product.

Directions for use

1. Add desired quantity of LOCTITE® STYCAST FILLER SC to the liquid resin. Up to 5 parts by weight can be added to the resin system.
2. Mix thoroughly.
3. Let mixture stabilize for at least 1 hour for optimum properties.

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 25°C. Storage below 25°C or above 25°C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Henkel representative.

Not for product specifications

The technical data contained herein are intended as reference only. Please contact your local quality department for assistance and recommendations on the specifications of this product.

Conversions

$(^{\circ}\text{C} \times 1.8) + 32 = ^{\circ}\text{F}$
 $\text{kV/mm} \times 25.4 = \text{V/mil}$
 $\text{mm} / 25.4 = \text{inches}$
 $\mu\text{m} / 25.4 = \text{mil}$
 $\text{N} \times 0.225 = \text{lb}$
 $\text{N/mm} \times 5.71 = \text{lb/in}$
 $\text{N/mm}^2 \times 145 = \text{psi}$
 $\text{MPa} \times 145 = \text{psi}$
 $\text{N}\cdot\text{m} \times 8.851 = \text{lb}\cdot\text{in}$
 $\text{N}\cdot\text{m} \times 0.738 = \text{lb}\cdot\text{ft}$
 $\text{N}\cdot\text{mm} \times 0.142 = \text{oz}\cdot\text{in}$
 $\text{mPa}\cdot\text{s} = \text{cP}$

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