

LOCTITE STYCAST 350

February 2017

PRODUCT DESCRIPTION

LOCTITE STYCAST 350 provides the following product characteristics:

Technology	Epoxy
Appearance	Off-white
Product Benefits	• Lightweight
Operating Temperature	175 °C
Application	Encapsulant

TYPICAL PROPERTIES OF UNCURED MATERIAL

Density, g/cm³ 0.7

TYPICAL PROPERTIES OF CURED MATERIAL

Physical Properties

Hardness, Shore D @ 175 °C, Minimum	50
Coefficient of Linear Thermal Expansion, K ⁻¹	25×10 ⁻⁶
Thermal Conductivity, W/(m·K)	0.13
Specific Heat, J/g·K	2.1

TYPICAL PERFORMANCE OF CURED MATERIAL

Miscellaneous

Compressive Strength (minimum), MPa	40
Tensile Strength (minimum), MPa	16
Elastic Strength (minimum), MPa	1,300
Shear Strength (minimum), MPa	20
IZOD Impact Strength, J/cm	0.07
Flexural Strength (minimum), MPa	55

GENERAL INFORMATION

For safe handling information on this product, consult the Safety Data Sheet, (SDS).

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 specifications for this product.

Conversions

(°C x 1.8) + 32 = °F
kV/mm x 25.4 = V/mm
mm / 25.4 = inches
N x 0.225 = lb
N/mm x 5.71 = lb/in
psi x 145 = N/mm²
MPa = N/mm²
N·m x 8.851 = lb·in
N·m x 0.738 = lb·ft
N·mm x 0.142 = oz·in
mPa·s = cP

Disclaimer

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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