

LOCTITE STYCAST 350

February 2017

PRODUCT DESCRIPTION

LOCTITE STYCAST 350 provides the following product characteristics:

Technology	Epoxy
Appearance	Off-white
Product Benefits	<ul style="list-style-type: none"> 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/mil
 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:

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