

Epic Epoxy S7341

Epoxy; Epoxide

Epic Resins

Message:

Epic S7341 is a two component, water clear epoxy potting compound designed with a low exotherm of less than 85C in a 185 gram mass. This product offers a very convenient mix ratio of 2:1 by volume, making it very meter mix / dispense friendly. The clarity of S7341 allows for the reading of bar codes through a 1/4" cross section. Very good electrical properties and water resistance makes this product an excellent choice for use in applications that are subjected to harsh environmental conditions.

General Information			
Features	Good Electrical Properties		
	High Clarity		
	Low Exotherm		
Uses	Electrical/Electronic Applications		
	Electronic Insulation		
RoHS Compliance	RoHS Compliant		
Appearance	Clear/Transparent		
Processing Method	Encapsulating		
	Potting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08 to 1.10	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 25°C)	80 to 85		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	80.0 to 85.0	°C	ASTM E1356
CLTE - Flow	4.0E-5 to 4.5E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	6.0E+16 to 8.0E+16	ohms·cm	ASTM D257
Dielectric Strength (1.52 mm)	23 to 25	kV/mm	ASTM D149
Dielectric Constant (100 kHz)	3.10 to 3.50		ASTM D2520
Dissipation Factor (100 kHz)	0.020 to 0.024		ASTM D150
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
	Mix Ratio by Volume: 2:0		
Part A	Mix Ratio by Weight: 100		

Mix Ratio by Volume: 1.0

Part B	Mix Ratio by Weight: 43		
Pot Life ¹ (25°C)	100 to 150	min	
Thermoset Mix Viscosity (25°C)	1400 to 2000	cP	ASTM D2393
NOTE			
1.	185 Gram Mass		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

