

## Cookson Group Plaskon® 3300S Mineral Filled Novolac Epoxy Molding Compound (discontinued \*\*)

Category : Polymer , Thermoset , Epoxy , Epoxy, Molded, Mineral Filled , Filled/Reinforced Thermoset

### Material Notes:

Test specimens were transfer molded and post cured 4 hours at 175°C. A low stress, flame retardant, novolac hardened epoxy molding compound designed to provide hermeticity protection exceeding that of PLASKON's 3200 series encapsulants.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cookson-Group-Plaskon-3300S-Mineral-Filled-Novolac-Epoxy-Molding-Compound-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Cookson-Group-Plaskon-3300S-Mineral-Filled-Novolac-Epoxy-Molding-Compound-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.86 g/cc	0.0672 lb/in <sup>3</sup>	
Spiral Flow	78.0 - 102 cm	30.7 - 40.2 in	177°C/1000 psi

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	74	74	
Tensile Strength, Ultimate	83.0 MPa	12000 psi	
Flexural Strength	124 MPa	18000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	21.0 µm/m-°C	11.7 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
CTE, linear, Transverse to Flow	69.0 µm/m-°C	38.3 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	0.700 W/m-K	4.86 BTU-in/hr-ft <sup>2</sup> -°F	
Glass Transition Temp, Tg	155 °C	311 °F	
Flammability, UL94	V-0	V-0	
	@Thickness 3.20 mm	@Thickness 0.126 in	
	V-0	V-0	
	@Thickness 3.20 mm	@Thickness 0.126 in	

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.8	3.8	
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Electrical Properties	Metric	English	Comments
Dissipation Factor	0.0020 @Frequency 1000 Hz	0.0020 @Frequency 1000 Hz	
Arc Resistance	180 sec	180 sec	

Processing Properties	Metric	English	Comments
Processing Temperature	171 - 193 °C	340 - 379 °F	Molding temperature

## Contact Songhan Plastic Technology Co.,Ltd.

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