

## Cookson Group Plaskon® 3200LS 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. Exhibits exceptional reliability under very stringent testing. This material is designed to minimize stress on the encapsulated device due to its low stress characteristics.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cookson-Group-Plaskon-3200LS-Mineral-Filled-Novolac-Epoxy-Molding-Compound-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Cookson-Group-Plaskon-3200LS-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	64.0 - 88.0 cm	25.2 - 34.6 in	177°C/1000 psi

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	75	75	
Tensile Strength, Ultimate	90.0 MPa	13100 psi	
Flexural Strength	121 MPa	17500 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	22.0 µm/m-°C	12.2 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
CTE, linear, Transverse to Flow	70.0 µm/m-°C	38.9 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	3.91	3.91	
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Electrical Properties	Metric	English	Comments
Dissipation Factor	0.0010 @Frequency 1000 Hz	0.0010 @Frequency 1000 Hz	
Arc Resistance	190 sec	190 sec	

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

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China