

## Cookson Group Plaskon® 2929BNSC Epoxy Molding Compound (discontinued \*\*)

Category : Polymer , Thermoset , Epoxy , Epoxy Molding Compound

### Material Notes:

Test specimens were transfer molded and post cured 4 hours at 175°C. An epoxy molding compound for the encapsulation of semiconductor devices and fiber optics. Excellent moldability (good release, minimal flash and bleed, and good hot hardness); Superior cosmetics and markability; Outstanding reliability

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cookson-Group-Plaskon-2929BNSC-Epoxy-Molding-Compound-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Cookson-Group-Plaskon-2929BNSC-Epoxy-Molding-Compound-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.92 g/cc	0.0694 lb/in <sup>3</sup>	
Spiral Flow	66.0 - 90.0 cm	26.0 - 35.4 in	177°C/1000 psi

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	
Flexural Strength	124 MPa	18000 psi	
Flexural Modulus	14.0 GPa	2030 ksi	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	27.0 µm/m-°C	15.0 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
CTE, linear, Transverse to Flow	80.0 µm/m-°C	44.4 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	0.900 W/m-K	6.25 BTU-in/hr-ft <sup>2</sup> -°F	
Glass Transition Temp, Tg	145 °C	293 °F	
Flammability, UL94	V-0	V-0	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
	V-0	V-0	
	@Thickness 1.60 mm	@Thickness 0.0630 in	

Electrical Properties	Metric	English	Comments
Dielectric Constant	4.2	4.2	

Electrical Properties	@Frequency 1000 Hz Metric	@Frequency 1000 Hz English	Comments
Dielectric Strength	17.0 kV/mm	432 kV/in	
Dissipation Factor	0.0040 @Frequency 1000 Hz	0.0040 @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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