

Cookson Group Plaskon® AMC2 (132.203) 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 specifically formulated for packaging stress-sensitive devices in DIPs, SOICs, PLCCs and small QFPs. Features: no post mold cure, high productivity, JEDEC level 1 for SOICs and SSOPs Thermal properties given As Molded

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cookson-Group-Plaskon-AMC2-132203-Epoxy-Molding-Compound-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.92 g/cc	0.0694 lb/in ³	
Viscosity	7500 cP @Temperature 175 °C	7500 cP @Temperature 347 °F	Automatic orifice Viscosity
Spiral Flow	76.0 cm	29.9 in	175°C/1000 psi

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	76	76	
Flexural Strength	132 MPa	19100 psi	
Flexural Modulus	17.0 GPa	2470 ksi	

Thermal Properties	Metric	English	Comments
CTE, linear	14.0 µm/m-°C @Temperature 20.0 °C	7.78 µin/in-°F @Temperature 68.0 °F	
CTE, linear, Transverse to Flow	63.0 µm/m-°C @Temperature 20.0 °C	35.0 µin/in-°F @Temperature 68.0 °F	
Glass Transition Temp, Tg	147 °C	297 °F	
Flammability, UL94	V-0 @Thickness 3.20 mm	V-0 @Thickness 0.126 in	
	V-0 @Thickness 3.20 mm	V-0 @Thickness 0.126 in	

Electrical Properties	Metric	English	Comments
-----------------------	--------	---------	----------

Electrical Resistivity Electrical Properties	3.50e+15 ohm-cm Metric	3.50e+15 ohm-cm English	Comments
Dielectric Constant	3.55 @Frequency 1000 Hz	3.55 @Frequency 1000 Hz	
Dielectric Strength	31.0 kV/mm	787 kV/in	
Dissipation Factor	0.0023 @Frequency 1000 Hz	0.0023 @Frequency 1000 Hz	

Processing Properties	Metric	English	Comments
Processing Temperature	175 °C	347 °F	Molding temperature

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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