

Malvern Minerals Diallylphthalate with Untreated Novacite® 1250 Quartz Filler

Category : Polymer , Thermoset , Diallyl Phthalate (DAP)

Material Notes:

Product data demonstrates the effect of the Novacite® quartz filler. Separate entries demonstrate the effect of silane-treated Novakup® quartz filler in DAP. The specific DAP used is Dapon 35 Resin. Information provided by Malvern Minerals Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Malvern-Minerals-Diallylphthalate-with-Untreated-Novacite-1250-Quartz-Filler.php

Physical Properties	Metric	English	Comments
Water Absorption	0.16 %	0.16 %	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	106	106	
Flexural Strength	65.5 MPa	9500 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	156 Â°C	313 Â°F	Heat Deflection, load unknown

Electrical Properties	Metric	English	Comments
Insulation Resistance	3.60e+14 ohm	3.60e+14 ohm	Wet; after 16 hours at 130Â°C
Dielectric Constant	3.7	3.7	Dry
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
	3.7	3.7	Wet
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
Dissipation Factor	3.8	3.8	Dry
	@Frequency 1000 Hz	@Frequency 1000 Hz	
	3.9	3.9	Wet
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	0.0060	0.0060	Dry
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	
	0.0080	0.0080	

Electrical Properties	Metric	English	Dry Comments
	0.0096	0.0096	
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	Wet
	0.019	0.019	
	@Frequency 1000 Hz	@Frequency 1000 Hz	Wet

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