

## Malvern Minerals Diallylphthalate with Vinyl Silane Treated Novakup® 1250 Quartz Filler

Category : Polymer , Thermoset , Diallyl Phthalate (DAP)

### Material Notes:

Product data demonstrates the effect of the Novakup® (lamellar quartz surface treated with 1.0% Z-6075 vinyl silane) filler. Separate entries demonstrate the effect of untreated Novacite® filler in DAP and Methallylate silane surface treatment. 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-Vinyl-Silane-Treated-Novakup-1250-Quartz-Filler.php](http://www.lookpolymers.com/polymer_Malvern-Minerals-Diallylphthalate-with-Vinyl-Silane-Treated-Novakup-1250-Quartz-Filler.php)

Physical Properties	Metric	English	Comments
Water Absorption	0.13 %	0.13 %	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	109	109	
Flexural Strength	89.6 MPa	13000 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	151 Å°C	304 Å°F	Heat Deflection, load unknown

Electrical Properties	Metric	English	Comments
Insulation Resistance	1.20e+14 ohm	1.20e+14 ohm	Wet; after 16 hours at 130Å°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	
	3.8	3.8	Dry
	@Frequency 1000 Hz	@Frequency 1000 Hz	
	3.8	3.8	Wet
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	0.0060	0.0060	Dry
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	

Electrical Properties	0.0050 Metric	0.0050 English	Comments
	@Frequency 1.00e+6 Hz	@Frequency 1.00e+6 Hz	Wet
	0.0070	0.0070	Dry
	@Frequency 1000 Hz	@Frequency 1000 Hz	
	0.0070	0.0070	Wet
	@Frequency 1000 Hz	@Frequency 1000 Hz	

## 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