

## Malvern Minerals Thermoplastic Polyester with Novakup® 1250 Silane-Treated Quartz Filler

Category : Polymer , Thermoplastic , Polyester, TP

### Material Notes:

Product data demonstrates the effect of the Novakup® (lamellar quartz surface treated with 0.5% A-1100) filler. A separate entry demonstrates the effect of untreated Novacite® filler in thermoplastic polyester. The specific thermoplastic polyester is Celanex J-105. Information provided by Malvern Minerals Company.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Malvern-Minerals-Thermoplastic-Polyester-with-Novakup-1250-Silane-Treated-Quartz-Filler.php](http://www.lookpolymers.com/polymer_Malvern-Minerals-Thermoplastic-Polyester-with-Novakup-1250-Silane-Treated-Quartz-Filler.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	42.1 MPa	6100 psi	after 16 hours in 50°C water
	46.9 MPa	6800 psi	initial
Flexural Strength	95.8 MPa	13900 psi	after 16 hours in 50°C water
	98.6 MPa	14300 psi	initial
Flexural Modulus	5.58 GPa	810 ksi	initial
	5.58 GPa	810 ksi	after 16 hours in 50°C water
Izod Impact, Unnotched	1.39 J/cm	2.60 ft-lb/in	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	125 °C	257 °F	

## 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