

Malvern Minerals Thermoplastic Polyester with Novacite® 1250 Quartz Filler

Category : Polymer , Thermoplastic , Polyester, TP

Material Notes:

Product data demonstrates the effect of the Novacite® (untreated lamellar quartz) filler. A separate entry demonstrates the effect of surface-treated Novakup® 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-Novacite-1250-Quartz-Filler.php

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	33.8 MPa	4900 psi	after 16 hours in 50°C water
	36.5 MPa	5300 psi	initial
Flexural Strength	60.0 MPa	8700 psi	after 16 hours in 50°C water
	70.3 MPa	10200 psi	initial
Flexural Modulus	5.38 GPa	780 ksi	initial
	5.45 GPa	790 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)	126 °C	259 °F	

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