

Grupo Repol Dinalon® B1S25 G25 25% Glass Fiber Reinforced Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 30% Glass Fiber Filled

Material Notes:

Mechanical properties are for dry as molded samples. Information provided by Grupo Repol.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Grupo-Repol-Dinalon-B1S25-G25-25-Glass-Fiber-Reinforced-Nylon-6.php

Physical Properties	Metric	English	Comments
Density	1.31 g/cc	0.0473 lb/in ³	ISO 1183/A
Moisture Absorption at Equilibrium	<= 0.25 %	<= 0.25 %	Karl-Fischer; ISO 15512/A

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	155 MPa	22500 psi	ISO 527
Elongation at Break	3.5 %	3.5 %	ISO 527
Flexural Strength	220 MPa	31900 psi	ISO 178
Flexural Modulus	7.00 GPa	1020 ksi	ISO 178
Izod Impact, Notched (ISO)	10.0 kJ/m ² @Temperature 23.0 °C	4.76 ft-lb/in ² @Temperature 73.4 °F	ISO 180/1A
Charpy Impact Unnotched	7.50 J/cm ² @Temperature 23.0 °C	35.7 ft-lb/in ² @Temperature 73.4 °F	ISO 179/1eU
Charpy Impact, Notched	1.10 J/cm ² @Temperature 23.0 °C	5.24 ft-lb/in ² @Temperature 73.4 °F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	205 °C	401 °F	ISO 75/A
Vicat Softening Point	>= 200 °C	>= 392 °F	50 N; ISO 306

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