

Azoty Tarnow™ TARNOFORM 300 GB4 POM

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Glass Bead Filled

Material Notes:

20% glass beads filled grade with increased stiffness and hardness with lowered shrinkage. Information provided by Zakłady Azotowe w Tarnowie-Moscicach S.A.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Azoty-Tarnow-TARNOFORM-300-GB4-POM.php

Physical Properties	Metric	English	Comments
Density	1.53 g/cc	0.0553 lb/in ³	ISO 1183
Water Absorption	0.20 %	0.20 %	ISO 62
Melt Flow	9.0 g/10 min @Load 2.16 kg, Temperature 190 °C	9.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	50.0 MPa	7250 psi	ISO 527
Elongation at Break	7.5 %	7.5 %	ISO 527
Flexural Strength	73.0 MPa	10600 psi	ISO 178
Charpy Impact, Notched	0.300 J/cm ²	1.43 ft-lb/in ²	1eA; ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	167 °C	333 °F	10°C/min.; ISO 3146
Deflection Temperature at 1.8 MPa (264 psi)	125 °C	257 °F	ISO 75
Vicat Softening Point	156 °C	313 °F	50 N; ISO 306
Flammability, UL94	HB @Thickness 3.20 mm	HB @Thickness 0.126 in	

Electrical Properties	Metric	English	Comments
Dielectric Constant	4.1 @Frequency 1e+6 Hz	4.1 @Frequency 1e+6 Hz	IEC 60250
	4.4 @Frequency 100 Hz	4.4 @Frequency 100 Hz	IEC 60250

Electrical Properties	Metric	English	Comments
Dissipation Factor	0.0105 @Frequency 1e+6 Hz	0.0105 @Frequency 1e+6 Hz	IEC 60250
Comparative Tracking Index	600 V	600 V	IEC 112

Processing Properties	Metric	English	Comments
Processing Temperature	180 - 230 °C	356 - 446 °F	Barrel temperature
Mold Temperature	60.0 - 120 °C	140 - 248 °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