

Lanxess Pocan® A 3131 000000 PBT+ASA, 30% glass fibers

Category : Polymer , Thermoplastic , ASA Polymer , Polyester, TP , Polybutylene Terephthalate (PBT) , PBT + ASA Blend, Glass Fiber Reinforced

Material Notes:

PBT+ASA, 30% glass fibers, injection molding, low tendency to warp, improved surface finish

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lanxess-Pocan-A-3131-000000-PBTASA-30-glass-fibers.php

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in ³	ISO 1183
Water Absorption	0.40 %	0.40 %	Test Sim. to ISO 62
Moisture Absorption at Equilibrium	0.10 %	0.10 %	23°C/50% R.H.; Test Sim. to ISO 62
Linear Mold Shrinkage, Flow	0.0030 cm/cm	0.0030 in/in	ISO 294-4, 2577
Linear Mold Shrinkage, Transverse	0.0070 cm/cm	0.0070 in/in	ISO 294-4, 2577
Melt Flow	60 g/10 min @Load 5.00 kg, Temperature 270 °C	60 g/10 min @Load 11.0 lb, Temperature 518 °F	Estimated using room temperature density; ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	130 MPa	18900 psi	ISO 527-1/-2
Elongation at Break	2.4 %	2.4 %	ISO 527-1/-2
Tensile Modulus	9.60 GPa	1390 ksi	ISO 527-1/-2
Charpy Impact Unnotched	5.50 J/cm ² @Temperature -30.0 °C	26.2 ft-lb/in ² @Temperature -22.0 °F	ISO 179/1eU
	5.50 J/cm ² @Temperature 23.0 °C	26.2 ft-lb/in ² @Temperature 73.4 °F	ISO 179/1eU

Thermal Properties	Metric	English	Comments
Melting Point	225 - 250 °C	437 - 482 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 0.46 MPa (66 psi)	220 °C	428 °F	ISO 75-1/-2
Deflection Temperature at 1.8 MPa (264 psi)	180 °C	356 °F	ISO 75-1/-2
Deflection Temperature at 8.0 MPa	85.0 °C	185 °F	ISO 75-1/-2
	HB	HB	

Thermal Properties	Metric @ Thickness 0.800 mm	English @ Thickness 0.0315 in	Comments
	HB	HB	IEC 60695-11-10
	@Thickness 1.60 mm	@Thickness 0.0630 in	

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	300 V	300 V	IEC 60112

Processing Properties	Metric	English	Comments
Melt Temperature	270 °C	518 °F	Injection Molding; ISO 294
Mold Temperature	90.0 °C	194 °F	Injection Molding; ISO 10724

Descriptive Properties	Value	Comments
Additives	Release agent	
Form	Pellets	
ISO Shortname	ISO7792-1-PBT+PET+ASA,GHMR,07-100,GF30	
Processing	Injection molding	
Region	Asia Pacific	
	Europe	
	Near East/Africa	
	North America	
	South and Central America	

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