

Lanxess Pocan® B 700 00000 PBT (discontinued **)

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), Extrusion Grade , Polybutylene Terephthalate (PBT), Unreinforced, Molded

Material Notes:

PBT, non-reinforced, extrusion, improved flowability

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lanxess-Pocan-B-700-000000-PBT-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.31 g/cc	0.0473 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0016 cm/cm	0.0016 in/in	ISO 294-4, 2577
Linear Mold Shrinkage, Transverse	0.0016 cm/cm	0.0016 in/in	ISO 294-4, 2577
Melt Flow	236 g/10 min @Load 2.16 kg, Temperature 250 °C	236 g/10 min @Load 4.76 lb, Temperature 482 °F	Estimated using room temperature density; ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	56.0 MPa	8120 psi	ISO 527-1/-2
Elongation at Break	2.9 %	2.9 %	Nominal; ISO 527-1/-2
Elongation at Yield	2.9 %	2.9 %	ISO 527-1/-2
Tensile Modulus	2.50 GPa	363 ksi	ISO 527-1/-2

Thermal Properties	Metric	English	Comments
Melting Point	225 °C	437 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 1.8 MPa (264 psi)	65.0 °C	149 °F	ISO 75-1/-2

Processing Properties	Metric	English	Comments
Melt Temperature	260 °C	500 °F	Injection Molding; ISO 294
Mold Temperature	80.0 °C	176 °F	Injection Molding; ISO 10724

Descriptive Properties	Value	Comments
Form	Pellets	
ISO Shortname	ISO 7792-1-PBT,G,05-030	

Processing Descriptive Properties	Blow molding Value	Comments
	Injection molding	
Region	Asia Pacific	
	Europe	
	Near East/Africa	
	North America	
	South and Central America	

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