

Lanxess Pocan® DP C 1502 702353 PBT+PC (discontinued **)

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate/Polybutylene Terephthalate (PBT) Blend, Unreinforced , Polyester, TP , Polybutylene Terephthalate (PBT)

Material Notes:

PBT+PC, non-reinforced, injection molding, impact modified, low tendency to warp, UV-stabilized

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lanxess-Pocan-DP-C-1502-702353-PBTPC-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.237 g/cc	0.04469 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.0011 cm/cm	0.0011 in/in	ISO 294-4, 2577
Linear Mold Shrinkage, Transverse	0.0011 cm/cm	0.0011 in/in	ISO 294-4, 2577
Melt Flow	37 g/10 min @Load 5.00 kg, Temperature 270 °C	37 g/10 min @Load 11.0 lb, Temperature 518 °F	Estimated using room temperature density; ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	50.0 MPa	7250 psi	ISO 527-1/-2
Elongation at Yield	3.8 %	3.8 %	ISO 527-1/-2
Tensile Modulus	2.20 GPa	319 ksi	ISO 527-1/-2

Thermal Properties	Metric	English	Comments
Melting Point	219 °C	426 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 1.8 MPa (264 psi)	70.0 °C	158 °F	ISO 75-1/-2
Flammability, UL94	HB @Thickness 3.20 mm	HB @Thickness 0.126 in	IEC 60695-11-10

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	600 V	600 V	IEC 60112

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+PC,GHLMPR,11-020	
Processing	Injection molding	
Region	Asia Pacific	
	Europe	
	Near East/Africa	
	North America	
	South and Central America	

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