

Oxford Polymers 604-I Polycarbonate/Polybutylene Terephthalate (PBT) Alloy

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

Material Notes:

Polycarbonate/Polybutylene Terephthalate (PBT) Alloy Information provided by Oxford Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Oxford-Polymers-604-I-PolycarbonatePolybutylene-Terephthalate-PBT-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc	1.16 g/cc	ASTM D792
Water Absorption	0.13 %	0.13 %	ASTM D570
Linear Mold Shrinkage	0.0075 cm/cm	0.0075 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	50.3 MPa	7300 psi	ASTM D638
Elongation at Break	160 %	160 %	ASTM D638
Flexural Strength	62.1 MPa	9000 psi	ASTM D790
Flexural Modulus	1.55 GPa	225 ksi	ASTM D790
Izod Impact, Notched	4.27 J/cm @Temperature -40.0 °C	8.00 ft-lb/in @Temperature -40.0 °F	ASTM D256
	6.41 J/cm @Temperature 23.0 °C	12.0 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	93.3 °C	200 °F	ASTM D648

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