

SABIC Innovative Plastics Enduran 7062X PBT+PET (Asia Pacific)

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polyethylene Terephthalate (PET)

Material Notes:

This data was supplied by SABIC-IP for the Asia Pacific region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-Enduran-7062X-PBTPET-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.80 g/cc	1.80 g/cc	ASTM D 792
Water Absorption	0.070 %	0.070 %	ASTM D 570
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	SABIC Method
	@Thickness 3.20 mm	@Thickness 0.126 in	
	0.0080 - 0.013 cm/cm	0.0080 - 0.013 in/in	SABIC Method
	@Thickness 6.40 mm	@Thickness 0.252 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	132 MPa	19100 psi	SABIC - Japan Method
Elongation at Break	10 %	10 %	SABIC - Japan Method
Flexural Strength	162 MPa	23500 psi	ASTM D 790
Flexural Modulus	10.14 GPa	1471 ksi	ASTM D 790
Izod Impact, Notched	0.420 J/cm	0.787 ft-lb/in	ASTM D 256
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Izod Impact, Unnotched	4.31 J/cm	8.07 ft-lb/in	ASTM D 4812
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
CTE, linear	30.0 - 80.0 µm/m-°C	16.7 - 44.4 µin/in-°F	TMA
	@Temperature -30.0 - 30.0 °C	@Temperature -22.0 - 86.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	205 °C	401 °F	unannealed; ASTM D 648
	@Thickness 3.20 mm	@Thickness 0.126 in	
Deflection Temperature at 1.8 MPa	218 °C	424 °F	unannealed; ASTM D 648

(264 psi) Thermal Properties	Metric @ Thickness 3.20 mm	English @ Thickness 0.126 in	Comments
---------------------------------	-------------------------------	---------------------------------	----------

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