

Polykemi AB POLYLux 104 HF PC/PBT-Blend, High Flow

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

Material Notes:

Information provided by Polykemi AB

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polykemi-AB-POLYLux-104-HF-PCPBT-Blend-High-Flow.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	<= 56.0 MPa	<= 8120 psi	ISO/R527
Elongation at Yield	8.0 %	8.0 %	ISO/R527
Flexural Strength	<= 95.0 MPa	<= 13800 psi	ISO 178
Flexural Modulus	2.10 GPa @Temperature 23.0 °C	305 ksi @Temperature 73.4 °F	ISO 178
Charpy Impact, Notched	3.30 J/cm ² @Temperature -20.0 °C	15.7 ft-lb/in ² @Temperature -4.00 °F	ISO 179
	4.50 J/cm ² @Temperature 23.0 °C	21.4 ft-lb/in ² @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	118 °C	244 °F	120°C/h; ISO 75/1
Deflection Temperature at 1.8 MPa (264 psi)	100 °C	212 °F	120°C/h; ISO 75/1
Vicat Softening Point	124 °C @Load 5.001 kg	255 °F @Load 11.03 lb	50°C/h; ISO 306
	148 °C @Load 1.00 kg	298 °F @Load 2.21 lb	50°C/h; ISO 306
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

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