

Chi Mei Polylac® PA-758R ABS - Transparent

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Transparent, Molded

Material Notes:

Transparent, Chemical Resistant

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chi-Mei-Polylac-PA-758R-ABS-Transparent.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	ISO 1183
Melt Flow	27 g/10 min @Load 10.0 kg, Temperature 220 °C	27 g/10 min @Load 22.0 lb, Temperature 428 °F	Melt Volume Rate (ml/10 min); ISO 1133

Mechanical Properties	Metric	English	Comments
Ball Indentation Hardness	95.0 MPa	13800 psi	H358/30; ISO 2039-1
Tensile Strength at Break	33.0 MPa	4790 psi	50 mm/min; ISO 527
Tensile Strength, Yield	45.0 MPa	6530 psi	50 mm/min; ISO 527
Elongation at Break	60 %	60 %	50 mm/min; ISO 527
Flexural Strength	65.0 MPa	9430 psi	2 mm/min; ISO 178
Flexural Modulus	2.00 GPa	290 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	14.0 kJ/m ²	6.66 ft-lb/in ²	ISO 180/1A
Izod Impact, Unnotched (ISO)	55.0 kJ/m ²	26.2 ft-lb/in ²	ISO 180/1C
Charpy Impact Unnotched	5.10 J/cm ²	24.3 ft-lb/in ²	ISO 179
Charpy Impact, Notched	1.40 J/cm ²	6.66 ft-lb/in ²	ISO 179
Impact	11.0	11.0	Impact Flexural Test Notched (KJ/m ²)
	57.0	57.0	Impact Flexural Test Unnotched (KJ/m ²)

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	78.0 °C	172 °F	unannealed; ISO 75
	96.0 °C	205 °F	annealed; ISO 75
Vicat Softening Point	94.0 °C	201 °F	50°C/hr; ISO 306

Thermal Properties	@Load 5.00 kg Metric	@Load 11.0 lb English	Comments
	97.0 °C	207 °F	120°C/hr; ISO 306
	@Load 5.00 kg	@Load 11.0 lb	
	102 °C	216 °F	50°C/hr; ISO 306
	@Load 1.00 kg	@Load 2.20 lb	
	105 °C	221 °F	120°C/hr; ISO 306
	@Load 1.00 kg	@Load 2.20 lb	
Flammability, UL94	HB	HB	UL 94
	@Thickness 1.59 mm	@Thickness 0.0625 in	

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

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