

Chi Mei Polylac® PA-763A ABS - Flame Retardant

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Unreinforced, Flame Retardant

Material Notes:

F.R. High Heat

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chi-Mei-Polylac-PA-763A-ABS-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Density	1.19 g/cc	0.0430 lb/in ³	ISO 1189
Melt Flow	28 g/10 min	28 g/10 min	Melt Volume Rate (ml/10 min); ISO 1133
	@Load 10.0 kg, Temperature 220 °C	@Load 22.0 lb, Temperature 428 °F	

Mechanical Properties	Metric	English	Comments
Ball Indentation Hardness	80.0 MPa	11600 psi	H358/30; ISO 2039-1
Tensile Strength at Break	33.0 MPa	4790 psi	50 mm/min; ISO 527
Tensile Strength, Yield	42.0 MPa	6090 psi	50 mm/min; ISO 527
Elongation at Break	20 %	20 %	50 mm/min; ISO 527
Flexural Strength	60.0 MPa	8700 psi	2 mm/min; ISO 178
Flexural Modulus	2.10 GPa	305 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	22.0 kJ/m ²	10.5 ft-lb/in ²	ISO 180/1A
Izod Impact, Unnotched (ISO)	NB	NB	ISO 180/1C
Charpy Impact Unnotched	NB	NB	ISO 179
Charpy Impact, Notched	2.20 J/cm ²	10.5 ft-lb/in ²	ISO 179
Impact	14.0	14.0	Impact Flexural Test Notched (KJ/m ²)
	NB	NB	Impact Flexural Test Unnotched (KJ/m ²)

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	87.0 °C	189 °F	unannealed; ISO 75
	97.0 °C	207 °F	annealed; ISO 75
Vicat Softening Point	97.0 °C	207 °F	50°C/hr; ISO 306

Thermal Properties	@Load 5.00 kg Metric	@Load 11.0 lb English	Comments
	98.0 °C	208 °F	120°C/hr; ISO 306
	@Load 5.00 kg	@Load 11.0 lb	
	104 °C	219 °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	V-0	V-0	UL 94
	@Thickness 1.59 mm	@Thickness 0.0625 in	
	5VB	5VB	UL 94
	@Thickness 2.54 mm	@Thickness 0.100 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