

Addiplast Addilene PMD 50291 Flame Retardant Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant

Material Notes:

Flame retardant, high rigidity Information provided by Addiplast.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Addiplast-Addilene-PMD-50291-Flame-Retardant-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ISO 1183/A
Melt Flow	16 g/10 min	16 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	70	70	Conditioned; ISO 868
Tensile Strength at Break	36.0 MPa	5220 psi	Conditioned; ISO R 527
Elongation at Break	3.0 %	3.0 %	Conditioned; ISO R 527
Modulus of Elasticity	2.20 GPa	319 ksi	Conditioned; ISO 178
Izod Impact, Notched (ISO)	3.50 kJ/m ²	1.67 ft-lb/in ²	Conditioned; ISO 180/1A
Charpy Impact Unnotched	2.00 J/cm ²	9.52 ft-lb/in ²	Conditioned; ISO 179/leU
Charpy Impact, Notched	0.350 J/cm ²	1.67 ft-lb/in ²	Conditioned; ISO 179/leA

Thermal Properties	Metric	English	Comments
Melting Point	165 - 168 °C	329 - 334 °F	ISO 3146/C2
Deflection Temperature at 1.8 MPa (264 psi)	90.0 °C	194 °F	ISO 75-2/AF
Vicat Softening Point	150 °C	302 °F	ISO 306/A50
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	
Oxygen Index	22 %	22 %	ISO 4589
Glow Wire Test	850 °C	1560 °F	CEI 60695/2/1

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+15 ohm-cm	>= 1.00e+15 ohm-cm	Conditioned; CEI 60093

Surface Resistance Electrical Properties	$\geq 1.00e+13$ ohm Metric	$\geq 1.00e+13$ ohm English	Conditioned; CEI 60093 Comments
Comparative Tracking Index	≥ 600 V	≥ 600 V	CEI 60112/Solution A

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