

## Addiplast Addilene PMD 50306 Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

**Material Notes:**

Mineral reinforced, improved scratch resistance Information provided by Addiplast.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Addiplast-Addilene-PMD-50306-Polypropylene-Copolymer.php](http://www.lookpolymers.com/polymer_Addiplast-Addilene-PMD-50306-Polypropylene-Copolymer.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	ISO 1183/A
Melt Flow	10 g/10 min	10 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	66	66	ISO 868
Tensile Strength at Break	15.0 MPa	2180 psi	ISO R 527
Tensile Strength, Yield	20.0 MPa	2900 psi	ISO R 527
Elongation at Yield	20 %	20 %	ISO R 527
Modulus of Elasticity	2.00 GPa	290 ksi	ISO 178
Izod Impact, Notched (ISO)	14.0 kJ/m <sup>2</sup>	6.66 ft-lb/in <sup>2</sup>	ISO 180/1A
Charpy Impact Unnotched	NB	NB	ISO 179/IeU
Charpy Impact, Notched	1.50 J/cm <sup>2</sup>	7.14 ft-lb/in <sup>2</sup>	ISO 179/IeA

Thermal Properties	Metric	English	Comments
Melting Point	165 - 168 °C	329 - 334 °F	ISO 3146/C2
Deflection Temperature at 1.8 MPa (264 psi)	58.0 °C	136 °F	ISO 75-2/AF
Vicat Softening Point	146 °C	295 °F	ISO 306/A50

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+13 ohm-cm	>= 1.00e+13 ohm-cm	CEI 60093
Surface Resistance	1.00e+14 ohm	1.00e+14 ohm	CEI 60093
Comparative Tracking Index	>= 600 V	>= 600 V	CEI 60112/Solution A

## **Contact Songhan Plastic Technology Co.,Ltd.**

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