

## Addiplast Addilene H 526 N30 Polypropylene Homopolymer

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

### Material Notes:

Improved rigidity, high durability  
Information provided by Addiplast.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Addiplast-Addilene-H-526-N30-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_Addiplast-Addilene-H-526-N30-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in <sup>3</sup>	ISO 1183/A
Melt Flow	20 g/10 min	20 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	74	74	ISO 868
Tensile Strength at Break	24.0 MPa	3480 psi	ISO R 527
Tensile Strength, Yield	28.0 MPa	4060 psi	ISO R 527
Elongation at Yield	20 %	20 %	ISO R 527
Modulus of Elasticity	2.60 GPa	377 ksi	ISO 178
Izod Impact, Notched (ISO)	3.00 kJ/m <sup>2</sup>	1.43 ft-lb/in <sup>2</sup>	ISO 180/1A
Charpy Impact Unnotched	2.90 J/cm <sup>2</sup>	13.8 ft-lb/in <sup>2</sup>	ISO 179/IeU
Charpy Impact, Notched	0.300 J/cm <sup>2</sup>	1.43 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)	74.0 °C	165 °F	ISO 75-2/AF
Vicat Softening Point	153 °C	307 °F	ISO 306/A50

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+14 ohm-cm	>= 1.00e+14 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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