

Addiplast Addilene J 470 ST14 Polypropylene Copolymer

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

Material Notes:

Soft touch Information provided by Addiplast.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Addiplast-Addilene-J-470-ST14-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 lb/in ³	ISO 1183/A
Melt Flow	17 g/10 min	17 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ISO 868
Tensile Strength at Break	11.0 MPa	1600 psi	ISO R 527
Tensile Strength, Yield	15.0 MPa	2180 psi	ISO R 527
Elongation at Yield	50 %	50 %	ISO R 527
Modulus of Elasticity	2.00 GPa	290 ksi	ISO 178
Izod Impact, Notched (ISO)	10.0 kJ/m ²	4.76 ft-lb/in ²	ISO 180/1A
Charpy Impact Unnotched	NB	NB	ISO 179/IeU
Charpy Impact, Notched	0.900 J/cm ²	4.28 ft-lb/in ²	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)	60.0 °C	140 °F	ISO 75-2/AF
Vicat Softening Point	143 °C	289 °F	ISO 306/A50

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	>= 600 V	>= 600 V	CEI 60112/Solution A

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