

Asahi Kasei Thermofil P-9900-0712 Unfilled, Heat Stabilized

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Information provided by Asahi Thermofil

Order this product through the following link:

http://www.lookpolymers.com/polymer_Asahi-Kasei-Thermofil-P-9900-0712-Unfilled-Heat-Stabilized.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D792
Melt Flow	17 g/10 min	17 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength, Yield	34.5 MPa	5000 psi	ASTM D638
Elongation at Yield	35 %	35 %	ASTM D638
Flexural Strength	52.4 MPa	7600 psi	ASTM D790
Flexural Modulus	1.72 GPa	250 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm	0.900 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	76.7 °C	170 °F	ASTM D648
Flame Spread	23 mm/min	0.90 in/min	Horizontal Burn Rate; FMVSS302

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