

Formosa Plastics Formolene® 6507N Impact Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene, Impact Modified; Molded/Extruded

Material Notes:

Impact Copolymer for Injection Molding Formolene® 6507N is a medium impact copolymer of polypropylene characterized by its easy mold flow, physical property balance and excellent dimensional stability. It has found use in applications including automotive child seating and carriers, and light appliances where impact strength is critical through a full range of temperature conditions. Specimens were injection molded according to the conditions specified in ASTM D4101 Information provided by Formosa Plastics Corporation, USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Formosa-Plastics-Formolene-6507N-Impact-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	7.0 g/10 min @Temperature 230 °C	7.0 g/10 min @Temperature 446 °F	1₂; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	94	94	ASTM D2240
Tensile Strength, Yield	24.8 MPa	3600 psi	2" (50mm) per min; ASTM D638
Elongation at Yield	6.0 %	6.0 %	2" (50mm) per min; ASTM D638
Flexural Modulus	1.24 GPa	180 ksi	1.3mm per min, 1% secant; ASTM D790
Izod Impact, Notched	0.694 J/cm @Temperature -18.0 °C	1.30 ft-lb/in @Temperature -0.400 °F	ASTM D256
	2.03 J/cm @Temperature 23.0 °C	3.80 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	54.0 °C	129 °F	ASTM D648

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