

Formosa Plastics Formolene® 6335N Impact Copolymer Polypropylene

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

Material Notes:

Impact Copolymer - Designed to Meet the Physical Requirements of Automotive Interior Trim Formolene® 6335N is an engineered, medium impact copolymer polypropylene. It was specifically developed to meet the OEM demands for automotive interior trim applications, with proven injection molding economy. The optimal stiffness and impact balance also provides for utility in industrial applications including bins and crates, and small appliances. 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-6335N-Impact-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in³	ASTM D1505
Melt Flow	35 g/10 min @Temperature 230 °C	35 g/10 min @Temperature 446 °F	I₂; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	29.6 MPa	4300 psi	2" (50mm) per min; ASTM D638
Elongation at Yield	5.0 %	5.0 %	2" (50mm) per min; ASTM D638
Flexural Modulus	1.45 GPa	210 ksi	1.3mm per min, 1% secant; ASTM D790
Izod Impact, Notched	0.320 J/cm @Temperature -30.0 °C	0.600 ft-lb/in @Temperature -22.0 °F	ASTM D256
	0.374 J/cm @Temperature -18.0 °C	0.700 ft-lb/in @Temperature -0.400 °F	ASTM D256
	0.641 J/cm @Temperature 23.0 °C	1.20 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	ASTM D648

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