

Ineos N07N-00 Polypropylene Impact Copolymer

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

Material Notes:

This is a medium melt flow rate, nucleated and antistatic impact copolymer polypropylene for injection molding applications that require a superior stiffness to impact balance. Applications: Materials handling, Consumer products. Benefits: Superior stiffness to impact balance, Fast molding cycle, Good mold release. Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-N07N-00-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	7.2 g/10 min	7.2 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 Å°C	@Load 4.76 lb, Temperature 446 Å°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.1 MPa @Temperature 23.0 Å°C	3200 psi @Temperature 73.4 Å°F	ASTM D638
Elongation at Break	>= 300 %	>= 300 %	ASTM D638
Flexural Modulus, 1% Secant	1280 MPa @Temperature 23.0 Å°C	185000 psi @Temperature 73.4 Å°F	0.05 in/min test speed
Izod Impact, Notched	1.33 J/cm @Temperature -20.0 Å°C	2.50 ft-lb/in @Temperature -4.00 Å°F	1/8" notched bar; ASTM D256
	NB @Temperature 23.0 Å°C	NB @Temperature 73.4 Å°F	1/8" notched bar; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	105 Å°C	221 Å°F	ASTM D648

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