

I. Stern 320NB Prime Impact Copolymer Polypropylene, No Break

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

Material Notes:

Features: Outstanding impact strength balanced with stiffness
Excellent long term heat aging properties
Wet/dry environment resistance
Good surface gloss
Applications: Automotive, Appliance, Lawn and Garden, Rigid packaging
Information provided by I. Stern & Co. Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_I-Stern-320NB-Prime-Impact-Copolymer-Polypropylene-No-Break.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D1505
Melt Flow	18 g/10 min	18 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.8 MPa	3300 psi	51 mm/min; ASTM D638
Elongation at Yield	12 %	12 %	51 mm/min; ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	1% Tangent, 1.27 mm/min; ASTM D790A
Izod Impact, Notched	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	75.0 Â°C	167 Â°F	ASTM D648

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