

I. Stern 1312 Prime Homopolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Features:Excellent flow characteristicsFDAGood mold releaseLow odor and tasteApplicationsClosuresHousewaresSmall appliancesToysInformation provided by I. Stern & Co. Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_I-Stern-1312-Prime-Homopolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D1505
Melt Flow	12 g/10 min	12 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	39.3 MPa	5700 psi	51 mm/min; ASTM D638
Elongation at Yield	17 %	17 %	51 mm/min; ASTM D638
Flexural Modulus	1.86 GPa	270 ksi	1% Tangent, 1.27 mm/min; ASTM D790A
Izod Impact, Notched	0.320 J/cm	0.600 ft-lb/in	ASTM D256

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