

I. Stern 745 Super High Impact Natural ABS

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Extruded

Material Notes:

Features: Super High Impact Extrusion Applications Pipe Profiles Sheet Information provided by I. Stern & Co. Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_I-Stern-745-Super-High-Impact-Natural-ABS.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Melt Flow	1.5 g/10 min	1.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	111	111	ASTM D785
Tensile Strength	40.1 MPa	5820 psi	ASTM D638
Elongation at Yield	70 %	70 %	ASTM D638
Flexural Strength	51.6 MPa	7480 psi	ASTM D790
Flexural Modulus	2.34 GPa	340 ksi	ASTM D790
Izod Impact, Notched	4.70 J/cm	8.80 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Heat Distortion Temperature	85.0 Å°C	185 Å°F	ASTM D648

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