

Braskem H 603 Extrusion Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade

Material Notes:

Flat and corrugated sheets in general. Information provided by Braskem.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-H-603-Extrusion-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.905 g/cc	0.905 g/cc	ASTM D792
Melt Flow	1.5 g/10 min @Load 2.16 kg, Temperature 230 °C	1.5 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	98	98	ASTM D785
Tensile Strength, Yield	33.0 MPa	4790 psi	ASTM D638
Elongation at Yield	14 %	14 %	ASTM D638
Flexural Modulus, 1% Secant	1300 MPa	189000 psi	ASTM D790A
Izod Impact, Notched	0.430 J/cm	0.806 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	89.0 °C	192 °F	ASTM D648

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