

Total PPH 3576 H Polypropylene Homopolymer, Cast Film

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

Material Notes:

Polypropylene 3576 H is recommended for use core layer in non-oriented cast films processes for the manufacture of packaging film with outstanding optical properties. 3576 H is specially designed for metalizable films. 3576 H is intended for food, magazine or textile packaging, for lamination films as well as for stationary supplies. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPH-3576-H-Polypropylene-Homopolymer-Cast-Film.php

Physical Properties	Metric	English	Comments
Bulk Density	0.525 g/cc	0.0190 lb/in ³	ISO 1183
Melt Flow	8.5 g/10 min @Load 2.16 kg, Temperature 230 °C	8.5 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	38.0 MPa	5510 psi	ASTM D638
Flexural Modulus	1.50 GPa	218 ksi	ASTM D790
Izod Impact, Notched	0.300 J/cm	0.562 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	DSC
Vicat Softening Point	152 °C @Load 1.02 kg	306 °F @Load 2.25 lb	ASTM D1525

Descriptive Properties	Value	Comments
Isotacticity Index (%)	97.5	Total Internal Test

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