

Total PPH M3661 Metallocene Isostatic Polypropylene Polymer, Cast Film Extrusion

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

Material Notes:

TOTAL Petrochemicals Polypropylene M3661 is an isostatic form of homopolymer made via TOTAL proprietary metallocene catalyst technology. Recommended Applications. M3661 is a medium molecular weight material recommended for cast film extrusion. However, due to its unique and interesting properties, other applications may exist. FDA. M3661 complies with FDA regulations Title 21 CFR Section 177.1520 (c) 3.1 and may be used under these provisions for food contact and packaging. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPH-M3661-Metallocene-Isostatic-Polypropylene-Polymer-Cast-Film-Extrusion.php

Physical Properties	Metric	English	Comments
Melt Flow	14 g/10 min	14 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	810 %	810 %	ISO 527-3
Film Tensile Strength at Break, MD	40.0 MPa	5800 psi	ASTM D882
Film Tensile Strength at Break, TD	38.0 MPa	5510 psi	ASTM D882
1% Secant Modulus, MD	560 MPa	81200 psi	ASTM D882
1% Secant Modulus, TD	570 MPa	82700 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	150 °C	302 °F	DSC

Optical Properties	Metric	English	Comments
Haze	0.40 %	0.40 %	ASTM D1003
Gloss	81 %	81 %	at 45°; ASTM D2457

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