

Total PPH 3575CC Polypropylene Homopolymer, Film Grade

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

Material Notes:

Low Residuals TOTAL Polypropylene 3575CC utilizes the new TOTAL Polypropylene proprietary process technology to provide extremely low residuals for improved color stability and clarity.Slip/Antiblock. 3575CC contains an optimized level of slip and antiblock additives.FDA. 3575CC complies with all applicable FDA regulations for food contact applications.Recommended Applications. TOTAL Polypropylene 3575CC is recommended for use in non-oriented cast film processes for manufacture of packaging films.Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPH-3575CC-Polypropylene-Homopolymer-Film-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.905 g/cc	0.905 g/cc	ASTM D1505
Water Vapor Transmission	10.9 g/m ² /day @Temperature 37.8 °C	0.700 g/100 in ² /day @Temperature 100 °F	90% RH; ASTM F1249-90
Melt Flow	9.0 g/10 min @Temperature 230 °C	9.0 g/10 min @Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	48.3 MPa	7000 psi	ASTM D882
Elongation at Break	600 %	600 %	ASTM D882
Secant Modulus	0.483 GPa	70.0 ksi	0.01; ASTM D882
Dart Drop	0.787 g/micron	20.0 g/mil	F50; ASTM D1709

Thermal Properties	Metric	English	Comments
Melting Point	163 °C	325 °F	DSC

Optical Properties	Metric	English	Comments
Haze	2.5 %	2.5 %	ASTM D1003
Gloss	80 %	80 %	at 45°; ASTM D2457

Processing Properties	Metric	English	Comments
Melt Temperature	204 - 260 °C	400 - 500 °F	Film Extrusion

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