

Total PPH 3576XHD Polypropylene Homopolymer, Film Grade

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

Material Notes:

Low Residuals TOTAL Polypropylene 3576XHD utilizes the new ATOFINA proprietary process technology to provide extremely low residuals for improved color stability and clarity. Antiblock. 3576XHD is formulated with a special antiblock additive. FDA. 3576XHD complies with all applicable FDA regulations for food contact applications. Recommended Applications. TOTAL Polypropylene 3576XHD 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-3576XHD-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	18.6 g/m ² /day @Temperature 37.8 °C	1.20 g/100 in ² /day @Temperature 100 °F	90% RH; ASTM F1249-90
Melt Flow	9.0 g/10 min	9.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	55.2 MPa	8000 psi	ASTM D882
Elongation at Break	500 %	500 %	ASTM D882
Secant Modulus	0.793 GPa	115 ksi	ASTM D882

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

Optical Properties	Metric	English	Comments
Haze	5.0 %	5.0 %	ASTM D1003
Gloss	75 %	75 %	at 45°; ASTM D2457

Processing Properties	Metric	English	Comments
Melt Temperature	232 - 274 °C	450 - 525 °F	Cast Film Extrusion

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China