

Total PPH 3271 Polypropylene, Oriented Film Extrusion Grade

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

Material Notes:

Homopolymer film gradeLow Residuals – FINA 3271 utilizes the new Fina proprietary process technology to provide extremely low residuals for improved color stability and clarity.Slip/Antiblock – FINA 3271 is available with custom slip and antiblock packages.FDA – FINA 3271 complies with all application FDA regulations for food contact applications.Recommended Applications -- FINA 3271 is recommended in orientation processes for manufacture of packaging tapes and films.Processing – FINA 3271 resin processes on oriented film extrusion equipment with typical melt temperatures of 450°F-525°F (232°C-274°C)Data provided by the manufacturer, Total Petrochemicals.Total Petrochemicals acquired former Fina and Atofina plastics product lines.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPH-3271-Polypropylene-Oriented-Film-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D1505
Water Vapor Transmission	4.70 g/m ² /day @Temperature 37.8 °C	0.303 g/100 in ² /day @Temperature 100 °F	90% RH; thickness not specified; ASTM E96
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
Film Elongation at Break, MD	150 %	150 %	ASTM D882
Film Elongation at Break, TD	50 %	50 %	ASTM D882
Secant Modulus, MD	2.41 GPa	350 ksi	ASTM D882
Secant Modulus, TD	4.14 GPa	600 ksi	ASTM D882
Film Tensile Strength at Break, MD	152 MPa	22000 psi	ASTM D882
Film Tensile Strength at Break, TD	241 MPa	35000 psi	ASTM D882

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

Optical Properties	Metric	English	Comments
Haze	1.0 %	1.0 %	ASTM D1003
Gloss	85 %	85 %	45°; ASTM D2457

Processing Properties	Metric	English	Comments
Melt Temperature	232 - 274 °C	450 - 525 °F	oriented 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