

## Total PPH 3371 Polypropylene, Oriented Film Extrusion Grade

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

### Material Notes:

Homopolymer film gradeLow Residuals - Fina 3371 utilizes the new Fina proprietary process technology to provide extremely low residuals for improved color stability and clarity.Slip/Antiblock - Fina 3371 is available with custom slip and antiblock packages.FDA - Fina 3371 complies with all applicable FDA regulations and may be used under these provisions for food contact packaging.Recommended Applications - Fina 3371 is recommended in orientation processes for manufacture of packaging tapes and films.Processing - Fina 3371 resin processes on cast and 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-3371-Polypropylene-Oriented-Film-Extrusion-Grade.php](http://www.lookpolymers.com/polymer_Total-PPH-3371-Polypropylene-Oriented-Film-Extrusion-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in <sup>3</sup>	ASTM D1505
Water Vapor Transmission	4.70 g/m <sup>2</sup> /day @Temperature 37.8 °C	0.303 g/100 in <sup>2</sup> /day @Temperature 100 °F	90% RH; thickness not specified; ASTM E96
Melt Flow	2.8 g/10 min	2.8 g/10 min	ASTM D1238L

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	130 %	130 %	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	131 MPa	19000 psi	ASTM D882
Film Tensile Strength at Break, TD	262 MPa	38000 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	90 %	90 %	45°; ASTM D2457

Processing Properties	Metric	English	Comments
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Processing Properties

Metric **74 °C**

English **25 °F**

Comments **in extrusion**

## Contact Songhan Plastic Technology Co.,Ltd.

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