

## Total PPR 8573 Polypropylene, Film Extrusion Grade

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

### Material Notes:

Random copolymer heat sealable film gradeColor/Clarity/Impact - FINA 8573 is a low melting, high ethylene random copolymer with improved color, optics and impact properties.Heat Sealable - The low melting point of FINA 8573 makes it a very good heat seal layer for oriented films.Slip/Antiblock - FINA 8573 is available with custom slip and antiblock packages.FDA - FINA 8573 complies with FDA regulations Title 21 CFR Section 177.1520(c) 3.1 and may be used under these provisions for food contact and applications.Recommended Applications - FINA 8573 is recommended for use in non- oriented cast film processes for manufacture of packaging films that require improved optical and impact properties and as a heat seal layer for oriented films.Processing - FINA 8573 resin processes on film extrusion equipment with typical melt temperatures of 390- 450°F (199-232°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-PPR-8573-Polypropylene-Film-Extrusion-Grade.php](http://www.lookpolymers.com/polymer_Total-PPR-8573-Polypropylene-Film-Extrusion-Grade.php)

Physical Properties	Metric	English	Comments
Water Vapor Permeability	14.0 g mil/ (m <sup>2</sup> day) @Temperature 37.8 °C	0.903 g mil/ (100 in <sup>2</sup> day) @Temperature 100 °F	90% RH; ASTM E96
Density	0.895 g/cc	0.0323 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	6.8 g/10 min @Load 2.16 kg, Temperature 230 °C	6.8 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	500 %	500 %	Non-oriented film; ASTM D882
Secant Modulus	0.483 GPa	70.1 ksi	1% Secant Modulus; Non-oriented Film; ASTM D882
Dart Drop	9.40 g/micron	239 g/mil	F<sub>50</sub>; ASTM D 1709
Seal Strength	>= 200 g/25 mm	>= 200 g/in	at 135°C, 15 psi pressure and 1 sec.
Film Tensile Strength at Break, MD	21.0 MPa	3050 psi	Non-oriented film; ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	135 °C	275 °F	DSC

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	Non-oriented film; ASTM D1003

Optical Properties	Metric	English	Comments
			lented film; ASTM D2457

  

Processing Properties	Metric	English	Comments
Melt Temperature	199 - 232 °C	390 - 450 °F	film extrusion

## Contact Songhan Plastic Technology Co.,Ltd.

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