

## Total PPR 6573XHC Polypropylene, Random Copolymer Film Grade

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

### Material Notes:

Random copolymer film grade Color - Low catalyst residuals in FINA 6573XHC result in improved color stability. Clarity/Impact - The random copolymer structure of FINA 6573XHC improves its clarity and impact resistance over conventional homopolymer films. Slip/Antiblock - FINA 6573XHC is formulated with no slip and high antiblock for specialized film handling. FDA - FINA 6573XHC complies with all applicable FDA regulations for food contact applications. Recommended Applications - FINA 6573XHC is recommended for use in manufacture of packaging films that require improved optical and impact properties. Processing - FINA 6573XHC resin processes with typical melt temperatures of 450-525°F (232-274°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-PPR-6573XHC-Polypropylene-Random-Copolymer-Film-Grade.php](http://www.lookpolymers.com/polymer_Total-PPR-6573XHC-Polypropylene-Random-Copolymer-Film-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D1505
Water Vapor Transmission	11.0 g/m <sup>2</sup> /day @Temperature 37.8 °C	0.708 g/100 in <sup>2</sup> /day @Temperature 100 °F	90% RH; thickness not specified; ASTM E96
Melt Flow	8.0 g/10 min	8.0 g/10 min	Conditions not specified; ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	500 %	500 %	Non-oriented film; ASTM D882
Secant Modulus	0.690 GPa	100 ksi	1% Secant Modulus; Non-oriented Film; ASTM D882
Dart Drop	1.40 g/micron	35.6 g/mil	F<sub>50</sub>; ASTM D 1709
Film Tensile Strength at Break, MD	48.3 MPa	7010 psi	Non-oriented film; ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	148 °C	298 °F	DSC

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	Non-oriented film; ASTM D1003
Gloss	75 %	75 %	45°; Non-oriented film; ASTM D2457

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

Processing Properties

Metric

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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