

Total PPR 6575 Polypropylene, Random Copolymer, Film Grade

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

Material Notes:

Color. Low catalyst residuals in TOTAL Petrochemicals 6575 polypropylene results in improved color stability. Clarity/Impact. The random copolymer structure of 6575 improves its clarity and resiliency over conventional homopolymer films. FDA. 6575 complies with all applicable FDA regulations for food contact applications. Recommended Applications. 6575 is recommended for use in manufacture of packaging films that require improved optical and resiliency or special surface attributes. Information provided by Total Petrochemicals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-PPR-6575-Polypropylene-Random-Copolymer-Film-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D1505
Water Vapor Transmission	10.9 g/m ² /day @Temperature 37.8 °C	0.700 g/100 in ² /day @Temperature 100 °F	90% RH; ASTM F1249-90
Melt Flow	8.0 g/10 min	8.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	48.3 MPa	7000 psi	non-oriented film; ASTM D882
Elongation at Break	500 %	500 %	ASTM D882
Dart Drop	1.38 g/micron	35.0 g/mil	ASTM D1709

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

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	ASTM D1003
Gloss	80 %	80 %	at 45°; ASTM D2457

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

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