

TOTAL Polypropylene PPR 6575

Polypropylene Random Copolymer

TOTAL Refining & Chemicals

Message:

Low catalyst residuals in Total Petrochemicals 6575 polypropylene results in improved color stability.
The random copolymer structure of 6575 improves its clarity and resiliency over conventional homopolymer films.
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.

General Information			
Features	Food Contact Acceptable		
	Good Color Stability		
Uses	Film		
	Packaging		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	8.0	g/10 min	ASTM D1238
Water Absorption - 90% RH, Cast Film (38°C, 50.8 µm)	0.700	g/mil/100 in ² /24 hr	ASTM F1249
Dart Drop Test - Cast Film (50.8 µm)	13.5	kN/m	ASTM D1709
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	51	µm	
Secant Modulus - 1% Secant, MD (51 µm, Cast Film)	689	MPa	ASTM D882
Tensile Strength - MD (Break, 51 µm,Cast Film)	48.3	MPa	ASTM D882
Tensile Elongation - MD (Break, 51 µm,Cast Film)	500	%	ASTM D882
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	148	°C	DSC
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 50.8 µm, Cast Film)	80		ASTM D2457
Haze (50.8 µm, Cast Film)	2.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	232 to 274	°C	

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Recommended distributors for this material

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