TotalEnergies

TotalEnergies Petrochemicals & Refining USA, Inc.
Polymers Americas

Polypropylene 6575

Technical Data Sheet
Polypropylene – Random Copolymer
Produced in the United States

Description

Polypropylene 6575: Low catalyst residuals results in improved color stability.

Clarity/Impact: 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.

Processing: 6575 resin processes with typical melt temperatures of 450°F-525°F (232°C-274°C).

Characteristics

	Method	Unit	Typical Value
Rheological Properties			
Melt Flow	D-1238	g/10 min	8.0
Film Properties, Non-Oriented(1)(2)			
Ultimate Tensile	D-882	psi (MPa)	7,000 (48)
Elongation at Break	D-882	%	500
1% Secant Modulus	D-882	psi (MPa)	100,000 (689)
WVTR @ 100°F, 90% RH	F-1249-90	g/100 sq-in/24 hrs/mil	0.7
Haze	D-1003	%	2.0
Gloss@ 45°	D-2457	%	80
Dart Impact (F50)	D-1709	g/mil	35
Thermal Properties(1)			
Melting Point	DSC(3)	°F (°C)	293 (145)
Other Physical Properties			
Density	D-792	g/cc	0.90

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.
(2) Cast film, 2.0 mil.
(3) MP determined with a DSC-2 Differential Scanning Calorimeter. Test procedure available upon request.

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