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Polypropylene 6573XHC

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

Description

Polypropylene 6573XHC has low catalyst residuals that results in improved color stability.

Clarity/Impact: The random copolymer structure of 6573XHC improves its clarity and impact resistance over conventional homopolymer films.

FDA: 6573XHC complies with all applicable FDA regulations for food contact applications.

Applications: 6573XHC is recommended for use in manufacture of packaging films that require improved optical and impact properties.

Processing. 6573XHC resin processes with typical melt temperatures of 450°F-525°F (232°C-274°C).

Made to Order Grade: Two railcar minimum order; take or pay agreement required; 90-day minimum lead time

Characteristics

	Method	Unit	Typical Value
Rheological Properties			
Melt Flow	D-1238	g/10 min	8.0
Film Properties, Non-Oriented⁽¹⁾			
Haze	D-1003	%	2
Gloss, 45°	D-2457	%	75
Ultimate Tensile	D-882	psi (MPa)	7,000 (48)
1% Secant Modulus	D-882	psi (MPa)	100,000 (689)
Elongation at Break	D-882	%	500
WVTR @ 100°F, 90% RH	F-1249	g/100 sq-in/24 hrs/mil	0.7
Dart Impact (F50)	D-1709	g/mil	35
Thermal Properties⁽¹⁾⁽²⁾			
Melting Point	DSC	°F (°C)	298 (148)
Other Physical Properties			
Density	D-1505	g/cm	0.90

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

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