

Description

Polypropylene 3571 is designed for use in cast films or as a surface layer in coextruded oriented films.

FDA: 3571 complies with applicable FDA regulations for use in food contact applications. FDA statement available upon request.

Applications: 3571 is recommended for use in film applications. It may be used in both non-oriented cast film processes or as a surface layer in oriented film applications.

Processing: 3571 resin processes on film extrusion equipment 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	9.0
Film Properties⁽¹⁾⁽³⁾			
Ultimate Tensile	D-882	psi	8,000
Elongation @ Break	D-882	%	500
Haze	D-1003	%	2.0
Gloss, 45°	D-2457	%	80
1% Secant Modulus	D-882	psi	115,000
WVTR	F-1249-90	g/100 in ² /24 hrs/mil @ 100°F, 90% RH	0.7
Dart Impact (F50)	D-1709	g/mil	20
Thermal Properties⁽¹⁾			
Melting Point	DSC ⁽²⁾	°F (°C)	325 (163)
Other Physical Properties			
Density	D-1505	g/cc	0.905

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.

(2) MP determined with a Differential Scanning Calorimeter. Test procedure available upon request.

(3) Properties determined from 2 mil cast film.