



**TotalEnergies**

TotalEnergies Petrochemicals & Refining USA, Inc.  
Polymers Americas

## Polypropylene 3571

Technical Data Sheet  
Polypropylene – Homopolymer  
Produced in the United States

### 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
<b>Rheological Properties</b>			
Melt Flow	D-1238	g/10 min	9.0
<b>Film Properties<sup>(1)(3)</sup></b>			
Ultimate Tensile	D-882	psi (MPa)	8,000 (55)
Elongation @ Break	D-882	%	500
Haze	D-1003	%	2.0
Gloss, 45°	D-2457	%	80
1% Secant Modulus	D-882	Psi (MPa)	115,000 (795)
WVTR @ 100°F, 90% RH	F-1249-90	g/100 in <sup>2</sup> /24 hrs/mil	0.7
Dart Impact (F50)	D-1709	g/mil	20
<b>Thermal Properties<sup>(1)(2)</sup></b>			
Melting Point	DSC	°F (°C)	325 (163)
<b>Other Physical Properties</b>			
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.

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