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# 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>Mechanical Properties</b>			
Flexural Modulus	D-790	psi (MPa)	221,000 (1,520)
Tensile Modulus	D-638	psi (MPa)	250,000 (1,720)
Tensile Strength (Yield)	D-638	psi (MPa)	5,100 (35)
Tensile Elongation (Yield)	D-638	%	7
Izod (73°F, Notched)	D-256A	ft*lb/in	0.5
<b>Thermal Properties<sup>(1)</sup></b>			
Heat Deflection Temperature @ 66 psi	D-648	°F (°C)	196 (91)
<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.

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