

TOTAL Polypropylene PPH 3571

Polypropylene Homopolymer

TOTAL Refining & Chemicals

Message:

Low Residuals. Total Petrochemicals Polypropylene 3571 utilizes the new Total Petrochemicals proprietary process technology to provide extremely low residuals for improved color stability and clarity.

Slip/Antiblock. 3571 is available with custom slip and antiblock packages.

FDA. 3571 complies with all applicable FDA regulations for food contact applications.

Recommended Applications. 3571 is recommended for use in non-oriented cast film processes for manufacture of packaging films.

General Information			
Features	Food Contact Acceptable		
	Good Color Stability		
	High Clarity		
	Low Residuals		
Uses	Film		
	Packaging		
Agency Ratings	EC 1907/2006 (REACH)		
	EU 2002/96/EC (WEEE)		
	EU 2003/11/EC		
	EU 76/769/EC		
	EU 94/62/EC		
	FDA Food Contact, Unspecified Rating		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Cast Film		
	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus - 1% Secant, MD	793	MPa	ASTM D882
Tensile Strength - MD (Break)	55.2	MPa	ASTM D882
Tensile Elongation - MD (Break)	500	%	ASTM D882
Water Vapor Transmission ¹ (38°C)	0.700	g/100 in ² /24 hr/mil	ASTM F1249
Dart Impact - F50	7.7	kN/m	ASTM D1709
Thermal	Nominal Value	Unit	Test Method

Melting Temperature	163	°C	DSC
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	80		ASTM D2457
Haze	2.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	232 to 274	°C	
NOTE			
1.	90% RH		

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Recommended distributors for this material

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