

3571

POLYPROPYLENE

Homopolymer Film Grade

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.

Processing. 3571 resin processes on film extrusion equipment with typical melt temperatures of 450-525°F (232-274°C). Call the nearest Total Petrochemicals Polypropylene Sales Office for additional information.

<u>Resin Properties⁽¹⁾</u>	<u>Typical Value</u>	<u>ASTM Method</u>
Melt Flow, g/10 min.	9.0	D-1238 230°C/2160G
Density, g/cc	0.905	D-1505
Melting Point, °F (°C)	325 (163)	DSC ⁽²⁾
 <u>Mechanical Properties⁽¹⁾</u>		
Haze, %	2.0	D-1003
Gloss, 45°, %	80	D-2457
Ultimate Tensile, psi	8,000	D-882
1% Secant Modulus, psi	115,000	D-882
Elongation at Break, %	500	D-882
WVTR, g/100 sq-in/24 hrs/mil @ 100°F, 90% RH	0.7	F-1249-90
Dart Impact (F50), g/mil	20	D-1709

(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.

3571 10/05

Corporate Office USA
P.O. Box 674411
Houston, TX 77267-4411
800.344.3462
www.totalpetrochemicalsusa.com

Technical Center
P.O. Box 1200
Deer Park, TX 77536
281.884.7500

All tests were run under laboratory conditions. ASTM (where applicable) testing procedures. The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. The use of TOTAL products must be guided by the users own methods for selection of proper formulation. TOTAL PETROCHEMICALS USA, INC. disclaims any responsibility for misuse or misapplication of its products. TOTAL MAKES NO WARRANTY OF MERCHANTABILITY AND THERE IS NO WARRANTY THAT GOODS SUPPLIED SHALL BE FIT FOR ANY PARTICULAR PURPOSE. TOTAL'S liability and customer's exclusive remedy for any claims arising out of sales of its products are expressly limited at customer option to replacement of non-performing goods or payment not to exceed the purchase price plus transportation charges thereon in respect to any material which damage is claimed.

TOTAL PETROCHEMICALS
TOTAL PETROCHEMICALS USA, INC.

