



**TotalEnergies**

TotalEnergies Petrochemicals & Refining USA, Inc.  
Polymers Americas

# Polypropylene 3371

Technical Data Sheet  
Polypropylene – Homopolymer  
Produced in the United States

## Description

**Polypropylene 3371** utilizes proprietary technology to provide excellent processing performance in oriented films and tapes.

**FDA:** 3371 complies with applicable FDA regulations for use in food contact applications. FDA statement available upon request.

**Applications:** 3371 is recommended in orientation processes for manufacture of packaging tapes and films.

**Processing:** 3371 processes on oriented 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	2.8
<b>Film Properties, Oriented(1) (3)</b>			
Haze	D-1003	%	1.0
Gloss, 45°	D-2457	%	90
Elongation	D-882	% MD (TD)	130 (50)
Ultimate Tensile	D-882	psi MD (TD)	19,000 (38,000)
Tensile Modulus	D-882	psi MD (TD)	350,000 (600,000)
WVTR @ 100°F, 90% RH	F-1249-90	g/100 in <sup>2</sup> /24 hrs/mil	0.3
<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

Polypropylene

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.  
(2) MP determined with a DSC-2 Differential Scanning Calorimeter. Test procedure available upon request.  
(3) Tenter-frame oriented film.

Rev: Sept 2021

TOTALENERGIES PETROCHEMICALS & REFINING USA, INC.  
POLYMERS AMERICAS  
1201 Louisiana Street  
Suite 1800  
Houston, TX 77002  
www.polymers.totalenergies.com

TECHNICAL CENTER  
P.O. Box 1200  
Deer Park, Texas 77536  
Phone: 281-884-7500

1-800-344-3462