



**TotalEnergies**

TotalEnergies Petrochemicals & Refining USA, Inc.  
Polymers Americas

# Polypropylene 3377HA

Technical Data Sheet  
Polypropylene – Random Copolymer  
Produced in the United States

## Description

**Polypropylene** 3377HA utilizes proprietary technology to provide improved process stability as a coextruded surface layer in oriented films.

**Antiblock:** 3377HA is formulated with a special antiblock additive.

**FDA:** 3377HA complies with applicable FDA regulations for use in food contact applications. FDA statement available upon request.

**Recommended Applications:** 3377HA is recommended in orientation processes for manufacture of packaging tapes and films.

**Processing:** 3377HA resin processes on cast and 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<sup>(1)</sup></b>			
Melt Flow	D-1238	g/10 min	3.5
<b>Film Properties, Oriented <sup>(1)(3)</sup></b>			
Haze	D-1003	%	1.5
Elongation	D-882	% MD (TD)	150 (60)
Tensile Modulus	D-882	psi MD (TD)	350,000 (600,000)
Ultimate Tensile	D-882	psi MD (TD)	17,000 (35,000)
Gloss, 45°	D-2457	%	90
<b>Thermal Properties<sup>(1)(2)</sup></b>			
Melting Point	DSC	°F (°C)	313 (156)
<b>Other Physical Properties</b>			
Density	D-792	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 DSC-2 Differential Scanning Calorimeter. Test procedure available upon request.  
(3) Tenter-frame oriented film 1.0 mil..

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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 TotalEnergies products must be guided by the users own methods for selection of proper formulation. TotalEnergies Petrochemicals & Refining USA Inc. disclaims any responsibility for misuse or misapplication of its products. TotalEnergies MAKES NO WARRANTY OF MERCHANTABILITY AND THERE IS NO WARRANTY THAT GOODS SUPPLIED SHALL BE FIT FOR ANY PARTICULAR PURPOSE. TotalEnergies' 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.

Polypropylene