



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
Rheological Properties			
Melt Flow	D-1238	g/10 min	3.5
Film Properties, Oriented			
Flexural Modulus	D-790	psi (MPa)	- (-)
Tensile Modulus	D-638	psi (MPa)	- (-)
Tensile Strength (Yield)	D-638	psi (MPa)	- (-)
Tensile Elongation (Yield)	D-638	%	-
Izod (73°F, Notched) Izod (73°F, Unnotched)	D-256A	ft*lb/in	-
Haze, 0.04" plaques	D-1003	%	-
Thermal Properties⁽¹⁾⁽²⁾			
Melting Point	DSC	°F (°C)	313 (156)
Heat Deflection Temperature @ 66 psi	D-648	°F (°C)	- (-)
Other Physical Properties			
Density	D-1505	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.

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Polypropylene

