

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
Rheological Properties			
Melt Flow	D-1238	g/10 min	2.8
Film Properties, Oriented⁽¹⁾ (3)			
Haze	D-1003	%	1.0
Gloss, 45°	D-2457	%	90
Elongation	D-882	% MD (TD)	130 (50)
Ultimate Tensile	D-882	psi MD (psi TD)	19,000 (38,000)
Tensile Modulus	D-882	psi MD (psi TD)	350,000 (600,000)
WVTR	F-1249-90	g/100 in ² /24 hrs/mil @ 100°F, 90% RH	0.3
Thermal Properties⁽¹⁾			
Melting Point	DSC ⁽²⁾	°F (°C)	325 (163)
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 Differential Scanning Calorimeter. Test procedure available upon request.

(3) Tenter-frame oriented film.

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Polypropylene



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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 by the users own methods for selection of proper formulation. TOTAL PETROCHEMICALS & REFINING 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 expressed 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.

