

Description

Polypropylene 3270 utilizes proprietary process technology to provide extremely low residuals for exceptional stiffness and barrier properties.

FDA: 3270 complies with applicable FDA regulations for use in food contact applications. FDA statement available upon request.

Applications: 3270 is recommended in orientation processes for manufacture of packaging tapes and films that benefit from improved stiffness and barrier properties.

Processing: 3270 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	2.0
Film Properties, Oriented ⁽¹⁾⁽³⁾			
Haze	D-1003	%	1.0
Gloss, 45°	D-2457	%	85
Ultimate Tensile	D-882	psi MD (psi TD)	28,000 (39,000)
Elongation	D-882	% MD (TD)	150 (60)
Tensile Modulus	D-882	Psi MD (psi TD)	420,000 (700,000)
WVTR	F-1249-90	g/100 in ² /24 hrs/mil @ 100°F, 90% RH	0.2
Thermal Properties⁽¹⁾			
Melting Point	DSC ⁽²⁾	°F (°C)	329 (165)
Other Physical Properties			
Density	D-1505	g/cc	0.91

(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.

