

Description

Polypropylene 3273 utilizes proprietary process technology to provide low residuals for improved film stiffness and barrier properties.

FDA: 3273 complies with applicable FDA regulations for use in food contact applications. FDA statement available upon request.

Applications: 3273 is recommended in orientation processes for manufacture of packaging tapes and films.

Processing: 3273 resin 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
Elongation	D-882	% MD (TD)	150 (60)
Ultimate Tensile	D-882	psi MD (psi TD)	24,000 (38,000)
Tensile Modulus	D-882	psi MD (psi TD)	400,000 (686,000)
WVTR	F-1249-90	g/100 in ² /24 hrs/mil @ 100°F, 90% RH	0.25
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.