

Description

Polypropylene 3274 utilizes proprietary technology to provide excellent processing performance in oriented films and tapes.

FDA: 3274 complies with applicable FDA regulations for use in food contact applications. FDA statement available upon request.

Applications: 3274 is recommended in orientation processes for manufacture of packaging tapes and films.

Processing: 3274 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	1.6
Film Properties, Oriented⁽¹⁾⁽³⁾			
Ultimate Tensile	D-882	psi MD (psi TD)	22,000 (35,000)
Elongation	D-882	% MD (TD)	150 (60)
Tensile Modulus	D-882	psi MD (psi TD)	350,000 (600,000)
Haze	D-1003	%	1.0
Gloss, 45°	D-2457	%	85
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