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Polypropylene 3274

Technical Data Sheet
Polypropylene – Homopolymer
Produced in the United States

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
Mechanical Properties			
Flexural Modulus	D-790	psi (MPa)	203,000 (1,400)
Tensile Strength (Yield)	D-638	psi (MPa)	4,800 (33)
Tensile Elongation (Yield)	D-638	%	8
Izod (73°F, Notched)	D-256A	ft*lb/in	0.8
Rockwell Hardness (R-Scale)	D-785		97
Thermal Properties⁽¹⁾			
Heat Deflection Temperature @ 66 psi	D-648	°F (°C)	180 (82)
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.

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