



TotalEnergies Petrochemicals & Refining USA, Inc.
Polymers Americas

Polypropylene 3250

Technical Data Sheet
Polypropylene – Homopolymer
Produced in the United States

Description

FDA: 3250 complies with applicable FDA regulations for use in food contact applications. FDA statement available upon request.

Applications: 3250 is recommended in orientation processes for manufacture of packaging tapes and films.

Processing: 3250 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	2.2
Mechanical Properties			
Flexural Modulus	D-790	psi (MPa)	197,000 (1,360)
Tensile Strength (Yield)	D-638	psi (MPa)	4,700 (32)
Tensile Elongation (Yield)	D-638	%	8
Izod (73°F, Notched)	D-256A	ft*lb/in	0.7
Rockwell Hardness (R-Scale)	D-785		98
Thermal Properties⁽¹⁾			
Heat Deflection Temperature @ 66 psi	D-648	°F (°C)	183 (84)
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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