



VINPOL™ LD2619

Low Density Polyethylene

Melt Index: 26

Density: 0.919

VINPOL LD2619 is a high flow, low density polyethylene homopolymer resin offering excellent processability, flexibility and surface appearance. This barefoot (no antiblock, slip or thermal stabilizer) resin is optimal in injection molded housewares, caps and closures and as a masterbatch base resin in compounding applications. It also is well suited for food packaging containers, houseware articles and labware applications.

Resin Property	Typical Value	Units	Test Method
Melt Index, 2.16 Kg at 190°C	26	g/10 min	ASTM D-1238
Density	0.919	g/cm ³	ASTM D-4883
Peak Melting Temperature	230 (110)	°F (°C)	Supplier Method
Vicat Softening Temperature	178 (81)	°F (°C)	ASTM D-1525
Tensile Strength at Yield	1,700 (12)	psi (MPa)	ASTM D-638
Tensile Strength at Break	1,200 (8)	psi (MPa)	ASTM D-638
Elongation at Yield	50	%	ASTM D-638
Elongation at Break	100	%	ASTM D-638
Flexural Modulus, 1% Secant	34,000 (230)	psi (MPa)	ASTM D-790
Durometer Hardness	96	Shore A, 15 sec	ASTM D-2240
Durometer Hardness	45	Shore D, 15 sec	ASTM D-2240
Instrumented Dart Impact, 73°F (23°C)	11 (16)	ft-lb (J)	ASTM D-3763
Instrumented Dart Impact, -40°F (-40°C)	4.6 (6)	ft-lb (J)	ASTM D-3763

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