



VINPOL™ LD12515

Low Density Polyethylene

Melt Index: 12.5

Density: 0.915

VINPOL LD12515 is an autoclave LDPE extrusion coating grade resin designed for high speed coating applications with good drawdown. The high melt index and lower density of this resin allows for good seals at low temperatures resulting in high packaging/sealing rates. This resin has paper and paperboard adhesion and provides a good moisture barrier. This resin is Kosher and FDA 21 CFR 177.1520 compliant.

*Resin Property	Typical Value	Units	Test Method
Melt Index, 2.16 Kg at 190°C	12.5	g/10 min	ASTM D-1238
Density	0.915	g/cm ³	ASTM D-4883
Flexural Modulus, 2% Secant, 0.5 in/min (12.7 mm/min)	25,000 (172)	psi (MPa)	ASTM D-790
Tensile Stress at Break, 20 in/min (500 mm/min)	1,400 (9.7)	psi (MPa)	ASTM D-638, Type IV
Elongation at Break, 20 in/min (500 mm/min)	400	%	ASTM D-638, Type IV

**Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity*

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