



VinPol™ LD07018
Low Density Polyethylene

Melt Index: 7.0

Density: 0.918

VINPOL LD07018 is a general purpose LDPE extrusion coating grade designed for high speed coating in flexible packaging applications including laminating and aseptic packaging with paper, foil, cellophane, polyester film and other base stocks. This product has excellent adhesion, heat seal and low neck-in performance. This product meets requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520 and 21 CFR 176.170, covering safe use of polyolefin articles intended for direct food contact.

Resin Property	Typical Value	Units	Test Method
Melt Index, 2.16 Kg at 190 °C	7.0	g/10 min	ASTM D-1238
Density	0.918	g/cm ³	ASTM D-1505
Tensile Strength	1,700	psi	ASTM D-638
Elongation Type IV speciman	550	%	ASTM D-638
Flexural Stiffness	30000	psi	ASTM D-790
Vicat Softening Point	84	°C	ASTM D-1525
Hardness	50	Shore D	ASTM D-2240
Moisture Vapor Transmission Rate	.26	g/m ² , 24 hrs	ASTM E-96

