



TECHNICAL DATA SHEET (TDS)

LLDPE LL2-20-OA
LINEAR LOW DENSITY POLYETHYLENE

OVERVIEW: Octene copolymer.
 Exceptional toughness, low gel level.
 Applications: cast stretch wrap, co-extrusion and lamination.
 Complies with the specifications U.S FDA 21 CFR 177.1520 (C) 3.2a.

ADDITIVE: Slip: None Antiblock: None Processing Antioxidant: Yes

Properties	Test Method	Units	Nominal Values
Melt Index (190° C/2.16 Kg)	ASTM D1238	g/10min	2.3
Density	ASTM D792	g/cm ³	0.92
Properties			
Tensile strength at yield MD	ASTM D882	Psi/MPa	1300/8.9
Tensile strength at yield TD	ASTM D882	Psi/MPa	1200/8.4
Tensile strength MD	ASTM D882	Psi/MPa	4800/33
Tensile strength TD	ASTM D882	Psi/MPa	3600/25
Elongation MD	ASTM D882	%	435
Elongation TD	ASTM D882	%	760
1% Secant Modulus MD	ASTM D882	Psi/MPa	20300/140
1% Secant Modulus TD	ASTM D882	Psi/MPa	23200/160
Dart Drop Impact (F ₅₀)	ASTM D1709/A	g	190
Haze	ASTM D1003	%	2
Gloss (45°)	ASTM D2457		85

Film properties are typical of cast film extruded at a melt temperature of 500° F, and a line speed of 800 ft./min.

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