



TECHNICAL DATA SHEET (TDS)

LLDPE LL50-26 LINEAR LOW DENSITY POLYETHYLENE

OVERVIEW: Excellent balance of impact strength, rigidity, environmental stress crack resistance and processability.

Applications: food containers, housewares and lids.

Complies with specifications U.S FDA 21 CFR 177.1520 (c) 3.1a.

ADDITIVE:

Properties	Test Method	Units	Nominal Values
Melt Index (190° C/2.16 Kg)	ASTM D1238	g/10min	50
Density	ASTM D792	g/cm ³	0.926
Properties			
Tensile strength at yield MD	ASTM D638	Psi/MPa	1400/9.65
Tensile strength at Break TD	ASTM D638	Psi/MPa	1100/7.58
Elongation Yield	ASTM D638	%	3.0
Elongation Break	ASTM D638	%	120
Flexural Modulus -2%secant	ASTM D386	Psi/MPa	61000/421
Tensile impact Strengt²	ASTM D1822	kJ/m ²	189/1822

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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