

TRICOLENE® LDF02919Y

Low Density Polyethylene Resin

Applications/Uses

- Heavy duty bags
- Heavy duty shipping sacks
- Industrial shrink film

Product Description

Tricolene LDF02919Y is a fractional melt LDPE with excellent toughness. This material contains no additives. It is suggested in heavy duty films and shipping sacks, and in industrial shrink applications. It can be used as a bubble stabilizer in LLDPE rich films.

TYPICAL PROPERTIES

PROPERTY	NOMINAL VALUE	UNITS	TEST METHOD
Melt Index	0.25	g/10min	D1238
Density	0.919	g/cm ³	D1505
Coefficient of Friction	0.5	-	D1894
Dark Impact	250	g/mil	D1709
Tensile Break (MD/TD)	3,500/2,700	psi	D882
Ultimate Elongation (MD/TD)	250/750%	-	D882
1% Secant Modulus (MD/TD)	22,000/28,000	psi	D882

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

b Unless noted otherwise, the test method is ASTM.

c Units are in SI or US customary units.

Kosher Compliant: Test specimens for blown film: nominal thickness 2.0 mils; blow up ratio 2.5:1, die gap 35 mils.

FDA: This product has some 21 CFR clearances. Please contact Tricon Energy for statements.

Processing: Melt temperatures of 360° F – 400° F are recommended with blow-up ratios of 2.0:1 or higher.

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