

TRICOLENE® LF1040AA

Linear Low Density Polyethylene Resin

Application/Uses

- Blend Stock
- Food packaging
- Stretch wrap

Product Description

Tricolene LF1040AA is a butene LLDPE with excellent mechanical and sealing properties. It can be used in blown and cast stretch film and can liner applications, and is suitable for blending with LDPE in packaging applications

TYPICAL PHYSICAL PROPERTIES

PROPERTIES ^a	Test ^b Method	TYPICAL VALUE UNITS ^c
Melt Index	D 1238	2.0 g/10 min
Density	D 1505	919kg/m ³ (0.919 g/cm ³)
Haze (No antiblock)	D 1003	13.0%
Dart Impact	D 1709	70 g/mil
Elmendorf Tear	MD/TD D 882	60/360 g/mil
Tensile Break	MD/TD D 882	4,000/3,100 psi
Ultimate Elongation	MD/TD D 882	700/900 %
1% Secant Modulus	MD/TD D 882	28,000/31,000 psi

^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

Kosher Compliant

Test specimens for blown film: nominal thickness 1.0 mils fabricated at 2.5:1 BUR, 370F, 100 mil die gap, 9 Lbs/hr/in

FDA

This product has some 21 CFR clearances.

PROCESSING

Cast melt temperature of 450° F to 520° F are recommended for Tricolene LF1040AA. For blown film, melt temperatures of 350° F to 375° F are recommended

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