

LLDPE

LLDPE LF9120CC

LINEAR LOW DENSITY POLYETHYLENE (LLDPE)

LF9120CC is a butene LLDPE with excellent mechanical and downgauging advantages. It is suitable for can liners, stretch wrap, agricultural film, and blending with LDPE. This Kosher compliant product is formulated with 1000 ppm slip and 5500 ppm anti-block.

Typical Applications:

- Stretch wrap
- Agricultural films
- Trash bags
- Co-extruded structures

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Index	ASTM D 1238	1.1	g/10 min
Density (formulated)	ASTM D 1505	922 (0.922)	kg/m ³ (g/cm ³)
Haze (formulated)	ASTM D 1003	22.0	%
Dart Impact	ASTM D 1709	120	g/mil
Tensile Break MD	ASTM D 882	5,200	psi
Tensile Break TD	ASTM D 882	3,600	psi
Ultimate Elongation MD	ASTM D 882	670	%
Ultimate Elongation TD	ASTM D 882	900	%
1% Secant Modulus MD	ASTM D 882	27,000	psi
1% Secant Modulus TD	ASTM D 882	30,000	psi

Processing Guidelines

Blown film melt temperatures of 400°F – 420°F are recommended.

1. Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.
2. Unless noted otherwise, the test method is ASTM.
3. Units are in SI or US customary units.
4. Kosher Compliant. Test specimens for blown film: nominal thickness 1.0 mils fabricated at 2.5:1 BUR.
5. This product has some 21 CFR (FDA) clearances.