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SUPERIOR FLEXIBLE PACKAGING RESINS

MarFlex[®] 7109DJ

HEXENE LINEAR LOW DENSITY POLYETHYLENE

This LLDPE is tailored for blown film applications that require:

- Good stiffness at thin gauges
- Good drawdown
- Excellent processability
- Use alone or in blends with LDPE or HDPE
- Low amounts of antiblocking agent

Typical blown film applications include

- Industrial liners
- Stretch wrap
- Garment bags
- Carrier bags
- General purpose packaging

Nominal Resin Properties	English	SI	Method
Density	---	0.918 g/cm ³	ASTM D1505
Melt Index, 190C/2.16Kg	---	0.9 g/10min	ASTM D1238
Process Aid	Yes	Yes	---
Antiblock	Low	Low	---
Slip	None	None	---

Nominal Blown Film Properties at 1 mil ¹	English	SI	Method
Haze	20 %	20 %	ASTM D1003
Gloss, 60°	90	90	ASTM D2457
COF	0.7	0.7	ASTM D1894
Dart	---	275 g/mil	ASTM D1709
Elmendorf Tear MD	---	400 g/mil	ASTM D1922
Elmendorf Tear TD	---	700 g/mil	ASTM D1922
Tensile Strength at Break MD	4400 psi	30 MPa	ASTM D882
Tensile Strength at Break TD	2900 psi	20 MPa	ASTM D882
Tensile Strength Elongation at Break MD	450 %	450 %	ASTM D882
Tensile Strength Elongation at Break TD	600 %	600 %	ASTM D882
1% Secant Modulus MD	30000 psi	207 MPa	ASTM D882
1% Secant Modulus TD	33000 psi	228 MPa	ASTM D882

1. Produced on 3.5 in extruder 30:1 L/D 8 in Die 80 mil Die Gap 2.5:1 BUR 440 F Melt Temperature.

Revision Date June, 2004

Another quality product from



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