

For more information and technical assistance contact:

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SUPERIOR FLEXIBLE PACKAGING RESINS

MarFlex® 7120X

HEXENE LINEAR LOW DENSITY POLYETHYLENE

This LLDPE is tailored for applications that require:

- Good stiffness at thin gauges
- Good drawdown
- Excellent processability
- Can use straight or in blends with LDPE or HDPE
- Available with slip or high stabilization package

Typical blown and cast film applications include

- Stretch wrap
- Overwrap
- Coextrusions

Nominal Resin Properties	English	SI	Method
Density	---	0.919 g/cm ³	ASTM D1505
Melt Index, 190C/2.16Kg	---	2 g/10min	ASTM D1238
Process Aid	None	None	---
Antiblock	None	None	---
Slip	None	None	---

Nominal Cast Film Properties at 1.25 mil ¹	English	SI	Method
Haze	3 %	3 %	ASTM D1003
Gloss, 60°	140	140	ASTM D2457
COF	1.0+	1.0+	ASTM D1894
Dart	---	140 g/mil	ASTM D1709
Elmendorf Tear MD	---	300 g/mil	ASTM D1922
Elmendorf Tear TD	---	550 g/mil	ASTM D1922
Tensile Strength at Break MD	6200 psi	43 MPa	ASTM D882
Tensile Strength at Break TD	4800 psi	33 MPa	ASTM D882
Tensile Strength Elongation at Break MD	580 %	580 %	ASTM D882
Tensile Strength Elongation at Break TD	780 %	780 %	ASTM D882
1% Secant Modulus MD	29000 psi	200 MPa	ASTM D882
1% Secant Modulus TD	31000 psi	214 MPa	ASTM D882

1. Produced on 2.5 in extruder 24:1 L/D 25 mil Die Gap 520 F Melt Temperature

Revision Date February, 2008

Another quality product from



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