

For more information and technical assistance contact:

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SUPERIOR FLEXIBLE PACKAGING RESINS

MarFlex® 5429

LOW DENSITY POLYETHYLENE

This LDPE is tailored for cast film applications that require:

- Excellent openability
- Suited for high speed converting
- Good clarity
- Medium coefficient of friction

Typical cast film applications include:

- Converter film
- General purpose packaging

Nominal Resin Properties	English	SI	Method
Density	---	0.930 g/cm ³	ASTM D1505
Melt Index, 190C/2.16Kg	---	2.2 g/10min	ASTM D1238
Melting Point	232 °F	111 °C	ASTM D3418
Vicat Softening Temperature	209 °F	99 °C	ASTM D1525
Process Aid	---	None	---
Antiblock	10000	10000	---
Slip	600	600	---

Nominal Cast Film Properties at 1.25 mil ¹	English	SI	Method
Haze	7 %	7 %	ASTM D1003
Gloss, 60°	115	115	ASTM D2457
COF	0.25	0.25	ASTM D1894
Dart	---	75 g/mil	ASTM D1709
Elmendorf Tear MD	---	175 g/mil	ASTM D1922
Elmendorf Tear TD	---	250 g/mil	ASTM D1922
WVTR	0.90 g/100in ² /day	14 g/m ² /day	ASTM F1249
OTR	420 cm ³ /100in ² /day	6300 cm ³ /m ² /day	ASTM D3985

1. Produced using a smooth bore extruder at a rate of 7 lb/in die cast film line

Revision Date March, 2010

Another quality product from



The Woodlands, Texas

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