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SUPERIOR FLEXIBLE PACKAGING RESINS

MarFlex® 5754

LOW DENSITY POLYETHYLENE

This LDPE is tailored for blown film applications that require:

- Excellent optics
- Excellent impact strength
- Excellent processibility
- Low coefficient of friction

Typical blown film resin applications include:

- Produce bags
- Frozen food packaging
- Case shrinkwrap, bundling
- Dry goods packaging
- Laminations
- General purpose clarity packaging

| Nominal Resin Properties | English | SI | Method |
|-----------------------------|---------|-------------------------|------------|
| Density | --- | 0.925 g/cm ³ | ASTM D1505 |
| Melt Index, 190C/2.16Kg | --- | 0.8 g/10min | ASTM D1238 |
| Melting Point | 233 °F | 112 °C | ASTM D3418 |
| Vicat Softening Temperature | 210 °F | 99 °C | ASTM D1525 |
| Antiblock | 2500 | 2500 | --- |
| Slip | 625 | 625 | --- |

| Nominal Blown Film Properties at 1.25 mil ¹ | English | SI | Method |
|--|--|---|------------|
| Haze | 5 % | 5 % | ASTM D1003 |
| Gloss, 60° | 127 | 127 | ASTM D2457 |
| COF | 0.2 | 0.2 | ASTM D1894 |
| Dart | --- | 110 g/mil | ASTM D1709 |
| Elmendorf Tear MD | --- | 225 g/mil | ASTM D1922 |
| Elmendorf Tear TD | --- | 200 g/mil | ASTM D1922 |
| WVTR | 1.09 g/100in ² /day | 17 g/m ² /day | ASTM F1249 |
| OTR | 380 cm ³ /100in ² /day | 5700 cm ³ /m ² /day | ASTM D3985 |

1. Produced using a smooth bore extruder at a rate of 8lb/in die with a 2.5 BUR using a dual lip air ring

Revision Date June, 2004

Another quality product from



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