

# MARPOL® LL8F 802

Linear Low Density Polyethylene

Marco Polo International, Inc.

## Message:

MARPOL® LL8F 802 is an ethylene and octene copolymer resin designed for blown film applications and for blends with LDPE. It offers excellent seal performance during high extrusion output rates. It has an excellent balance of optical and mechanical properties.

Recommended Applications: Blown film applications and blending

FDA Status: Complies with U.S FDA FCN 424 and EU No. 10/2011

| General Information                       |                              |                   |                 |
|---|------------------------------|-------------------|-----------------|
| Features                                  | Low density                  |                   |                 |
|   | Octene comonomer             |                   |                 |
| Uses                                      | Blown Film                   |                   |                 |
|   | Mixing                       |                   |                 |
| Agency Ratings                            | FDA FCN 424                  |                   |                 |
|   | Europe 10/1/2011 12:00:00 AM |                   |                 |
| Processing Method                         | Blow film                    |                   |                 |
| Physical                                  | Nominal Value                | Unit              | Test Method     |
| Specific Gravity                          | 0.916                        | g/cm <sup>3</sup> | ASTM D792       |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) | 2.0                          | g/10 min          | ASTM D1238      |
| Films                                     | Nominal Value                | Unit              | Test Method     |
| Dart Drop Impact                          | 450                          | g                 | ASTM D1709A     |
| Elmendorf Tear Strength - MD              | 1100                         | g                 | ASTM D1922      |
| Thermal                                   | Nominal Value                | Unit              | Test Method     |
| Melting Temperature                       | 220                          | °C                | Internal method |
| Optical                                   | Nominal Value                | Unit              | Test Method     |
| Gloss                                     | 65                           |                   | ASTM D2457      |
| Haze                                      | 11                           | %                 | ASTM D1003      |

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## Recommended distributors for this material

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