

Mapolene 1708 is an autoclave low density polyethylene resin designed for extrusion coating applications at high extrusion speeds and low heat sealing temperatures. The resin is particularly suited for intermediate and light weight coatings applied at speeds in the range of 300-1000 fpm.

## Mapolene 1708

|                     |            |      |
|---------------------|------------|------|
| <b>Polyethylene</b> | Melt Index | 8    |
| Extrusion Coating   | Density    | .917 |

| Properties <sup>1</sup>            | ASTM       | Units             | Value  |
|------------------------------------|------------|-------------------|--------|
| Melt Index (190°C/2.16 kg)         | ASTM D1238 | g/10 min          | 8      |
| Density                            | ASTM D1505 | g/cm <sup>3</sup> | .917   |
| Antioxidant (BHT)                  | -----      | ppm               | 50     |
| Tensile Stress @ Break (20 in/min) | ASTM D638  | psi               | 1500   |
| Elongation @ Break (20 in/min)     | ASTM D638  | %                 | 400    |
| Flexural Modulus (2% Secant)       | ASTM D790  | psi               | 30,000 |

This material meets the Food and Drug Administration requirements of 21CFR 177.1520.

<sup>1</sup>Properties will vary and are not to be used for specification purposes.

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