

Mapolene 1523 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. This resin is also used in injection molding of small parts and as a base resin for concentrates.

**Mapolene 1523**

<b>Polyethylene</b>	Melt Index	23
Extrusion Coating	Density	.915

Properties <sup>1</sup>	ASTM	Units	Value
Melt Index (190°C/2.16 kg)	ASTM D1238	g/10 min	23
Density	ASTM D1505	g/cm <sup>3</sup>	.915
Antioxidant (BHT)	-----	ppm	50
Tensile Stress @ Break (20 in/min)	ASTM D638	psi	1300
Elongation @ Break (20 in/min)	ASTM D638	%	300
Flexural Modulus (2% Secant)	ASTM D790	psi	25,000

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.