

Mapolon 3160 is a high melt flow, general purpose crystal polystyrene resin designed for the injection molding of toys, disposable cups and rulers with intricate molds and thin walled applications.

Mapolon 3160

Polystyrene
GPPS Crystal

Melt Flow 16

Properties ¹	ASTM	Units	Value
Melt Flow Rate (200°C/5.0kg)	ASTM D1238	g/10 min	16
Tensile Strength, Break	ASTM D 638	psi	4800
Tensile Modulus	ASTM D 638	psi	426,000
Flexural Modulus	ASTM D 790	psi	495,000
Vicat Softening Temp	ASTM D 1525	°F	178

This material meets the Food and Drug Administration requirements of 21CFR 177.1640.

¹Properties will vary and are not to be used for specification purposes.

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