

Mapolon 3080 is a medium melt flow, general purpose crystal polystyrene resin that combines good processability with moderate mechanical and thermal resistance. It is designed for injection molding toys, disposables and blends with SBC.

Mapolon 3080

Polystyrene
GPPS Crystal

Melt Flow 8.0

Properties ¹	ASTM	Units	Value
Melt Flow Rate (200°C/5.0kg)	ASTM D1238	g/10 min	8.0
Tensile Strength, Break	ASTM D 638	psi	5500
Tensile Modulus	ASTM D 638	psi	460,000
Flexural Modulus	ASTM D 790	psi	490,000
Vicat Softening Temp	ASTM D 1525	°F	180

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.

All inquiries regarding this data sheet should be addressed to: 1140 Route 22 East, Suite 109, Bridgewater, NJ 08807 • Phone 908.725.3133 • Fax 908.725.9677

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