

Mapolon 6040 is a low melt flow, high impact polystyrene resin designed for the extrusion of sheet for POP (Point of Purchase) displays, deep draw thermoforming; blends with GPPS for disposable packaging, cups and plates.

Mapolon 6040

Polystyrene	Melt Flow	4.0
HIPS / Extrusion	Izod	3.0

Properties ¹	ASTM	Units	Value
Melt Flow Rate (200°C/5.0kg)	ASTM D1238	g/10 min	4.0
Izod Impact @73° F	ASTM D 256	ft-lb/in	3.0
Tensile Strength, Break	ASTM D 638	psi	3900
Tensile Modulus	ASTM D 638	psi	297,000
Flexural Modulus	ASTM D 790	psi	290,000
Vicat Softening Temp	ASTM D 1525	°F	215

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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