

Mapolon 6030HI is a low melt flow, high gloss, high impact polystyrene resin designed for the extrusion of sheet for POP (Point of Purchase) displays requiring higher impact, deep draw thermoforming; blends with GPPS for disposable packaging, cups and plates.

Mapolon 6030HI

Polystyrene	Melt Flow	2.6
HIPS / Extrusion	Izod	3.6

Properties ¹	ASTM	Units	Value
Melt Flow Rate (200°C/5.0kg)	ASTM D1238	g/10 min	2.6
Izod Impact @73° F	ASTM D 256	ft-lb/in	3.6
Tensile Strength, Break	ASTM D 638	psi	3500
Tensile Modulus	ASTM D 638	psi	320,000
Flexural Modulus	ASTM D 790	psi	309,000
Vicat Softening Temp	ASTM D 1525	°F	198

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.