

Bapolan® 6055 Polystyrene, Injection Molding

Category : Polymer , Thermoplastic , Polystyrene (PS)

Material Notes:

Bapolan PS6055 is a crystal polystyrene resin designed for injection molding applications requiring fast cycle times and superior optical properties. It complies with US FDA21 CFR177.1640 and 94HB UL rating. Applications: General purpose containers and cutlery. Bapolene® and Bapolan® are registered trademarks of Bamberger Polymers, Inc. Information provided by Bamberger Polymers. All data is based on molded plaques.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Bapolan-6055-Polystyrene-Injection-Molding.php

Physical Properties	Metric	English	Comments
Melt Flow	15 g/10 min	15 g/10 min	200°C/5,000g; ASTM D-1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	41.4 MPa	6000 psi	ASTM D-638
Flexural Modulus, 1% Secant	3003 MPa	435500 psi	ASTM D-790A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	86.0 °C	187 °F	ASTM D-648

Descriptive Properties	Value	Comments
Process	Injection Molding	
Region	Europe/Turkey	Bamberger Polymers Distribution
	International	Bamberger Polymers Distribution
	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

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