

Bapolan® 6055

General Purpose Polystyrene

Bamberger Polymers, Inc.

Message:

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.

General Information			
Features	Fast Molding Cycle		
	General Purpose		
	Opticals		
Uses	Containers		
	General Purpose		
Agency Ratings	FDA 21 CFR 177.1640		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	15	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	41.4	MPa	ASTM D638
Flexural Modulus - 1% Secant	3000	MPa	ASTM D790A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	86.1	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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