

Bapolan® PS6460

High Impact Polystyrene
Bamberger Polymers, Inc.

Message:
High impact polystyrene injection molding resin. This resin offers high impact strength, excellent flexibility, and ease of processing. This resin meets FDA requirements.

General Information			
Features	Disposable		
	Good Flexibility		
	Good Processability		
	High Impact Resistance		
Uses	Appliance Components		
	Containers		
	Household Goods		
	Kitchenware		
	Thin-walled Parts		
	Toys		
Agency Ratings	FDA Unspecified Rating		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.4	MPa	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	96.1	°C	ASTM D1525

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