

# Bapolan® PS6260

General Purpose Polystyrene

Bamberger Polymers, Inc.

## Message:

Bapolan PS6260 is a general purpose polystyrene injection molding resin which offers medium impact strength, flexibility, gloss, and processability. This product meets FDA requirements of regulation 21CFR177.1640.

General Information			
Features	General Purpose		
	Good Flexibility		
	Good Processability		
	Medium Gloss		
	Medium Impact Resistance		
Uses	Containers		
	General Purpose		
	Household Goods		
	Toys		
Agency Ratings	FDA 21 CFR 177.1640		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	24.8	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	40	%	ASTM D638
Flexural Modulus - 1% Secant	2760	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	82.2	°C	ASTM D648
Vicat Softening Temperature	91.1	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Optical	Nominal Value		Test Method
Gardner Gloss (60°)	95		ASTM D523
NOTE			
1.	51 mm/min		

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

