

Bapolan® 6409

High Impact Polystyrene

Bamberger Polymers, Inc.

Message:

Bapolan PS6409 is designed for injection molding applications requiring superior impact and gloss. It complies with US FDA21 CFR177.1640 and 94HB UL rating.

General Information	
Features	General Purpose
	High Gloss
	High Impact Resistance
Uses	General Purpose
Agency Ratings	FDA 21 CFR 177.1640
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	9.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.7	MPa	ASTM D638
Tensile Elongation (Yield)	52	%	ASTM D638
Flexural Modulus - 1% Secant	2070	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	87.2	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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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



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