

# Bapolan® 6403

High Impact Polystyrene

Bamberger Polymers, Inc.

## Message:

Bapolan PS6403 is a high impact polystyrene resin designed for extrusion-thermoforming applications. It complies with US FDA21 CFR177.1640 and 94HB UL rating.

General Information	
Features	General Purpose
	High Impact Resistance
Uses	General Purpose
	Household Goods
	Housings
Agency Ratings	FDA 21 CFR 177.1640
Processing Method	Extrusion
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.5	MPa	ASTM D638
Tensile Elongation (Yield)	46	%	ASTM D638
Flexural Modulus - 1% Secant	2210	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	92.8	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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## Recommended distributors for this material

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