

Spartech PS SP-2050

High Impact Polystyrene

Spartech Plastics

Message:

SP-2050 is a specially formulated high impact polystyrene co-extruded with a unique ultra-high gloss capstock to provide outstanding surface appearance while maintaining excellent performance characteristics.

General Information			
Features	Highlight		
	Impact resistance, high		
	Excellent appearance		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	55		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1830	MPa	ASTM D638
Tensile Strength (Yield)	20.7	MPa	ASTM D638
Flexural Modulus	2090	MPa	ASTM D790
Flexural Strength	44.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Dart Drop Impact (23°C)	9.04	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	85.6	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Optical	Nominal Value		Test Method
Gardner Gloss	80		ASTM D523

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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

