

MBA PS 3124 90/05

General Purpose Polystyrene

MBA Polymers

Message:

A post-consumer recycled polystyrene for applications requiring increased impact strength. Available in deep black (reference 90/05).

General Information	
Recycled Content	Yes
Features	Good Impact Resistance
Appearance	Black
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	Internal Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	6.0	g/10 min	ISO 1133

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2250	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	25.0	MPa	ISO 527-2/50
Flexural Modulus (23°C)	2150	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	11	kJ/m ²	ISO 179/1eA
Notched Izod Impact Strength (23°C)	11	kJ/m ²	ISO 180/1A

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	85.0	°C	ISO 306/B50

Injection	Nominal Value	Unit
Drying Temperature	70.0	°C
Drying Time	1.0 to 2.0	hr
Suggested Max Moisture	0.050 to 0.10	%
Processing (Melt) Temp	190 to 230	°C
Mold Temperature	20.0 to 60.0	°C

Extrusion	Nominal Value	Unit
Drying Temperature	70.0	°C
Drying Time	1.0 to 2.0	hr
Suggested Max Moisture	0.050 to 0.10	%
Melt Temperature	180 to 210	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT