

Daicel Styrol® PSG26

High Impact Polystyrene

PlastxWorld Inc.

Message:

Daicel Styrol® PSG26 is a high impact polystyrene product, which contains a 26% glass fiber reinforced material. It is available in North America. The main characteristics are: impact resistance.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 26% filler by weight		
Features	Impact resistance, good		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	1.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	59.3	MPa	ASTM D638
Flexural Modulus	6690	MPa	ASTM D790
Flexural Strength	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (6.35 mm)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.35 mm)	92.2	°C	ASTM D648
Additional Information			

Specific Gravity, ASTM D792, 73°F, 50% RH: 1.23

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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



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