

SuperLite VGX® SLVGXB.1BP027

Polypropylene

Azdel, Inc.

Message:

AZDEL SuperLite VGX SLVGXB.1BP027 is a thermoplastic composite sheet comprised of a low-density polypropylene and chopped glass-fiber core, combined with a PET scrim attached to both surfaces. This material is typically used as a substrate in semi-structural applications where a very high strength-to-weight ratio is required, and is specified by thickness rather than basis weight.

General Information			
Filler / Reinforcement	Glass Fiber		
Features	High Strength		
	Low Density		
Uses	Structural Parts		
	Thermoforming Applications		
Appearance	Natural Color		
	White		
Forms	Sheet		
Processing Method	Thermoforming		
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus			ISO 178
MD	17.4	kN/m	
TD	13.3	kN/m	
Flexural Strength			ISO 178
Average Peak Load	35	N	
MD Peak Load	38	N	
TD Peak Load	31	N	
Base Weight			ASTM D3776
Low Density Core	900	g/m ²	
Total (including scrims)	940	g/m ²	
Peak Load - MD/TD Ratio	1.30		ISO 178
Sheet Thickness	2.70	mm	

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.

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

