

SuperLite VGX® SLVGXB.1BP047

Polypropylene

Azdel, Inc.

Message:

AZDEL SuperLite VGX SLVGXB.1BP047 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	49.5	kN/m	
TD	43.2	kN/m	
Flexural Strength			ISO 178
Average Peak Load	74	N	
MD Peak Load	77	N	
TD Peak Load	70	N	
Base Weight			ASTM D3776
Low Density Core	1450	g/m ²	
Total (including scrims)	1490	g/m ²	
Peak Load - MD/TD Ratio	1.10		ISO 178
Sheet Thickness	4.70	mm	

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Recommended distributors for this material

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