

# Aero-Lite® ALSTDA.1501BG

Polyether Imide

Azdel, Inc.

## Message:

AZDEL Aero-Lite ALSTDA.1501BG is a thermoformable, thermoplastic composite sheet comprised of polyetherimide and chopped glass-fiber core, combined with an aramid scrim attached to one surface. This material is typically used as a substrate in semi-structural applications where a very high strength-to-weight ratio IS required, such as in airplane interior sidewalls and ceiling tiles.

General Information			
Filler / Reinforcement	Glass Fiber		
Features	High Strength		
Uses	Aerospace Applications		
	Aircraft Applications		
	Structural Parts		
	Thermoforming Applications		
Appearance	Natural Color		
	Yellow		
Forms	Sheet		
Processing Method	Thermoforming		
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus			ISO 178
MD	73	N	
TD	41	N	
Flexural Strength			ISO 178
MD Peak Load	52	N	
TD Peak Load	30	N	
Base Weight			ASTM D3776
Low Density Core	1500	g/m <sup>2</sup>	
Total (including film and scrim)	1550	g/m <sup>2</sup>	
Peak Load - MD/TD Ratio	1.70		ISO 178
Sheet Thickness	1.50	mm	

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Recommended distributors for this material

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