SuperLite XLT® SLXLTA.0641BZ

Polypropylene

Azdel, Inc.

Message:

AZDEL SuperLite SLXLTA.0651BZ is a thermoformable, thermoplastic composite sheet comprised of a low- density polypropylene and chopped glass-fiber core, combined with a PET scrim with barrier film attached to one surface and a perforated adhesive film to the other surface. This material is typically used as a substrate in seml- structural applications where a very high strength-to-weight ratio is required, such as in automotive headliners, door panels, rear parcel shelves, sunshades and other interior trim.

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	Low density High strength		
Uses	Thermoforming Applications Components Application in Automobile Field		
Appearance	White Clear/transparent Natural color		
Forms	Sheet		
Processing Method	Thermoforming		
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Flexural Modulus			Internal method
MD : 4.00 mm	3.3	kN/m	Internal method
MD : 5.00 mm	4.6	kN/m	Internal method
MD : 6.50 mm	4.8	kN/m	Internal method
TD : 4.00 mm	2.3	kN/m	Internal method
TD : 5.00 mm	2.6	kN/m	Internal method
TD : 6.50 mm	3.2	kN/m	Internal method
Flexural Strength			Internal method
MD Peak Load : 4.00 mm	11	N	Internal method
MD Peak Load : 5.00 mm	13	N	Internal method
MD Peak Load : 6.50 mm	12	N	Internal method
TD Peak Load : 4.00 mm	8	N	Internal method
TD Peak Load : 5.00 mm	9	N	Internal method
TD Peak Load : 6.50 mm	9	N	Internal method
flammability-Self-extinguishing	No		
Base Weight			ASTM D3776

Low Density Core	640	g/m²	ASTM D3776
Total (including film and scrim)	750	g/m²	ASTM D3776
Permeability - Air	None		
Thermal	Nominal Value	Unit	
Continuous Use Temperature [1]	90.0	°C	
Flammability	Nominal Value	Unit	Test Method
Burning Rate	35	mm/min	FMVSS 302
Additional Information	Nominal Value	Unit	Test Method
Free-Loft ratio (maximum, when heated to 205°C): 5.5:1Acoustics (with Fabric) SAE J1400:Sound Absorption Coef. @ 500 Hz = .08Sound Absorption Coef. @ 1000 Hz = .19Sound Absorption Coef. @ 2000 Hz = .44Sound Absorption Coef. @ 4000 Hz = .93			
NOTE			
1.	Maximum		

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

WECHAT