

# AZDEL™ C321-901

Thermoplastic

Azdel, Inc.

## Message:

AZDEL® C220-B01 is a glass mat thermoplastic laminate based upon random oriented chopped fiber mat contained within polypropylene resin matrix. This composite material features high flow properties and a very homogeneous fiber distribution. This material is typically used for standard semi-structural thin wall applications and where good glass distribution into features such as ribs and bosses is desired.

General Information			
UL YellowCard	E110815-218953		
Appearance	Grey		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.10 - 0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	82.0	MPa	ISO 527-2
Flexural Modulus	4400	MPa	ISO 178
Flexural Stress	117	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact (4.00 mm, Total Energy)	28.1	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	151	°C	ASTM D648
Additional Information			

Filler Content by Weight (Ashing), Internal Test Method: 36%Specific Gravity, ASTM D792, Laminate: 1.13Specific Gravity, ASTM D792, Molded: 1.15Sheet Thickness, Internal Test Method: 0.142 inBasis Weight (Mass per unit area), Internal Test Method: 0.82 lbs/ft<sup>2</sup>

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



WECHAT