

# Absolan 25GF30%

## TECHNICAL DATASHEET

### DESCRIPTION

Absolan® 25GF30% is glass filled grade with medium flow, high rigidity injection molding grade.

### FEATURES

- High Rigidity
- Good dimensional stability
- Low mold shrinkage

### APPLICATIONS

- Air conditioner blower
- Cross flow fans
- Electrical capacitors

Property, Test Condition	Standard	Unit	Values
<b>Rheological Properties</b>			
Melt Flow Rate, 220 °C/10 kg	ISO 1133	g/10 min	7
<b>Mechanical Properties</b>			
Izod Notched Impact Strength, 1/4" bar, 0.010" Notch Radius, 23 °C (73 °F)			5
Tensile Stress at Yield, 23 °C	ISO 527	MPa	min. 95
Tensile Modulus (MD)	ISO 527	MPa	12000
Flexural Strength, 23 °C	ISO 178	MPa	min. 150
Flexural Modulus, 23 °C	ISO 178	MPa	9000
<b>Thermal Properties</b>			
Vicat Softening Temperature, B/2 (120 °C/h, 50N)	ASTM D 1525	°C	min. 109
Heat Deflection Temperature A; (annealed 4 h/80 °C; 1.8 MPa)	ISO 75	°C	min. 101
Heat Deflection Temperature B; (annealed 4 h/80 °C; 0.45 MPa)	ISO 75	°C	-