

SCHULAKETON GF 15

Polyketone, Aliphatic

A. Schulman Europe

Message:

15% glass fiber reinforced aliphatic Polyketon

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 15% filler by weight		
Processing Method	Injection molding		
Resin ID (ISO 1043)	PK		
Physical	Nominal Value	Unit	Test Method
Density	1.34	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (240°C/2.16 kg)	6.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4500	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	85.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	4.0	%	ISO 527-2/1A/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	5.0	kJ/m ²	ISO 179/1eA
23°C	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			
-40°C	50	kJ/m ²	ISO 179
23°C	60	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	207	°C	ISO 75-2/Af
Vicat Softening Temperature	210	°C	ISO 306/B50
Additional Information			

- 1.)
- Not for use in food contact applications2.)
- Not for use in medical or pharmaceutical applications

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