

SCHULAKETON GF10

Polyketone, Aliphatic

A. Schulman Europe

Message:

10% glass fiber reinforced aliphatic Polyketon

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 10% filler by weight		
Processing Method	Injection molding		
Resin ID (ISO 1043)	PK		
Physical	Nominal Value	Unit	Test Method
Density	1.30	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (240°C/2.16 kg)	58.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3190	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	61.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	14	%	ISO 527-2/1A/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.6	kJ/m ²	ISO 179/1e
Charpy Unnotched Impact Strength (23°C)	62	kJ/m ²	ISO 179/1eU
Additional Information			

1.) Not for use in medical or pharmaceutical applications

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