

SITRACON 16E-GF15 / grau

Polybutylene Terephthalate + PET

SITRAPLAS GmbH

Message:

Material: Blend from Polybutylenterephthalat and Polyethylenterephthalat with 15% Glasfibers

Application areas: for technical plastic parts

Highlights: reinforced with 15% Glasfibers

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Uses	Engineering Parts		
Resin ID (ISO 1043)	>PBT+PET-GF15<		
Physical	Nominal Value	Unit	Test Method
Density	1.43	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	16.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	> 6000	MPa	ISO 527-2/1
Tensile Stress (Yield)	> 90.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	3.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	> 5.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	> 25	kJ/m ²	ISO 179/1eU
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	HB	UL 94	

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