

SITRALAC 8E GF20 / C01000 nature

Acrylonitrile Butadiene Styrene

SITRAPLAS GmbH

Message:

Material: Acrylnitril-Butadien-Styrol

Highlights: With 20% glassfiber

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Resin ID (ISO 1043)	>ABS+GF20<		
Physical	Nominal Value	Unit	Test Method
Density	1.21	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	8.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	6.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4900	MPa	ISO 527-2/1
Tensile Stress (Yield)	72.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	6.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	98.0	°C	ISO 306/B50
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	HB	UL 94	

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