

SITRALIN 15E-TF10-HK-GF10 / C6PS

Acrylonitrile Styrene Acrylate + Nylon

SITRAPLAS GmbH

Message:

Material: Polyamid with ASA
Highlights: With glass fiber

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Additive	PTFE Lubricant (10%)		
Features	Lubricated		
Resin ID (ISO 1043)	>PA+ASA-SD10 GF10<		
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	16.0	cm³/10min	ISO 1133
Molding Shrinkage ¹	0.20 to 0.60	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3700	MPa	ISO 527-2/1
Tensile Stress			
Yield	46.0	MPa	ISO 527-2/50
Break	45.0	MPa	ISO 527-2/5
Tensile Strain (Yield)	5.0	%	ISO 527-2/50
Nominal Tensile Strain at Break	5.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	20	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	104	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94
NOTE			
1.	60 x 60 x 2 mm		

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