

SITRAMID CF10-M15 / C94150

Polyamide 6
SITRAPLAS GmbH

Message:

SITRAMID CF10-M15 / C94150 is a Polyamide 6 (Nylon 6) material filled with 10% carbon fiber and 15% mineral. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of SITRAMID CF10-M15 / C94150 are:

Conductive
Good Dimensional Stability
High Strength
Warp Resistant

General Information			
Filler / Reinforcement	Carbon Fiber,10% Filler by Weight		
	Mineral,15% Filler by Weight		
Features	Electrically Conductive		
	Good Dimensional Stability		
	High Strength		
	Low Warpage		
Processing Method	Injection Molding		
Resin ID (ISO 1043)	>PA6-CF10M15<		
Physical	Nominal Value	Unit	Test Method
Density	1.29	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	> 12000	MPa	ISO 527-2/1
Tensile Stress (Yield)	> 200	MPa	ISO 527-2/50
Tensile Strain (Break)	> 2.5	%	ISO 527-2/5
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)	> 45	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	212	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Processing (Melt) Temp	230 to 260	°C	

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Recommended distributors for this material

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