

Michimid K4200GF13-01

Polyamide 66

API Polymers, Inc.

Message:

Michimid K4200GF13-01 is a Polyamide 66 (Nylon 66) product filled with 13% glass fiber. It is available in North America.

General Information			
Filler / Reinforcement	Glass Fiber,13% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	103	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus - Tangent	4900	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	249	°C	
1.8 MPa, Unannealed	243	°C	
Melting Temperature	265	°C	ASTM D789
Injection	Nominal Value	Unit	
Drying Temperature	93.3	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	293	°C	
Middle Temperature	288	°C	
Front Temperature	288	°C	
Nozzle Temperature	282	°C	
Processing (Melt) Temp	288	°C	
Mold Temperature	65.6	°C	

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Recommended distributors for this material

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