

Michimid K4100GFMN40

Polyamide 6

API Polymers, Inc.

Message:

Michimid K4100GFMN40 is a Polyamide 6 (Nylon 6) product filled with 40% glass\mineral. It is available in North America.

General Information			
Filler / Reinforcement	Glass\Mineral,40% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.48	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	110	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	175	°C	ASTM D648
Melting Temperature	220	°C	ASTM D789
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	3.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	260	°C	
Middle Temperature	266	°C	
Front Temperature	266	°C	
Nozzle Temperature	266	°C	
Processing (Melt) Temp	282	°C	
Mold Temperature	79.0	°C	

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Recommended distributors for this material

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