

Michimid K4200MN40

Polyamide 66

API Polymers, Inc.

Message:

Michimid K4200MN40 is a Polyamide 66 (Nylon 66) product filled with 40% mineral. It is available in North America.

General Information			
Filler / Reinforcement	Mineral,40% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.90	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	79.3	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus - Tangent	6550	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	199	°C	ASTM D648
Melting Temperature	260	°C	ASTM D789
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	3.0	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	66.0	°C	

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Recommended distributors for this material

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