

Michimid K4220

Polyamide 66

API Polymers, Inc.

Message:

Michimid K4220 is a Polyamide 66 (Nylon 66) product. It is available in North America.

Characteristics include:

Good Toughness

Impact Resistant

General Information			
Features	High Impact Resistance		
	Ultra High Toughness		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	48.3	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus - Tangent	1760	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	850	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	218	°C	
1.8 MPa, Unannealed	71.1	°C	
Melting Temperature	265	°C	ASTM D789
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	3.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	288	°C	
Middle Temperature	282	°C	
Front Temperature	279	°C	
Nozzle Temperature	274	°C	
Processing (Melt) Temp	288	°C	
Mold Temperature	65.6	°C	

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