

Modified Plastics MN6-FG10 SE BK

Polyamide 6
Modified Plastics, Inc.

Message:
NYLON 6, 10% GLASS FIBER, SELF EXTINGUISHING, BLACK
ITEM NUMBER: MP20098

General Information			
UL YellowCard	E78964-250219		
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Self Extinguishing		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.30 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5650 to 6890	MPa	ASTM D638
Tensile Strength (Yield)	75.8 to 89.6	MPa	ASTM D638
Tensile Elongation (Break)	2.0 to 4.0	%	ASTM D638
Flexural Modulus	4140 to 5380	MPa	ASTM D790
Flexural Strength	123 to 138	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	43 to 64	J/m	ASTM D256
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	2.0 to 4.0	hr	
Dew Point	-17.8	°C	
Suggested Max Moisture	0.20	%	
Processing (Melt) Temp	243 to 279	°C	
Mold Temperature	54.4 to 93.3	°C	

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Recommended distributors for this material

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