

Product Description

10% Mineral Reinforced, Polyamide 6

General Considerations

Resin ID (ISO 1043)	· PA6-MD10
Processing	· Injection Molding
Color	· Black

- The information below is for information purposes only and should not be adopted as specification limits.

Physical	Value	Unit	Method
% Ash Content	8 to 12	%	ASTM D 2584
Density	1.25	g/cm ³	ASTM D 792
Mold Shrinkage	0.80	%	ASTM D 955
Humidity Absorption	0.15	%	ASTM D 570

Mechanical	Value	Unit	Method
Tensile Strength	90	MPa	ASTM D 638
Elongation at Break	8.0	%	ASTM D 638
Flexural Strength	90	MPa	ASTM D 790
Flexural Modulus	4000	MPa	ASTM D 790
Izod Notched Impact Strength	50	J/m	ASTM D 256

Thermal	Value	Unit	Method
Melting Point	220 to 225	°C	ASTM D 2117
Vicat Temperature	--	°C	ASTM D 1525A
Deflection Temperature	200	°C	ASTM D 648
Flamability	HB	--	UL 94

Process	Value	Unit	Method
Molding Process Temperature	250 to 270	°C	--
Mold Temperature	50 to 70	°C	--
Drying	90/3	°C/Hours	--
Maximum Moisture Content for Processing	0,2	%	--

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