

PRODUCT INFORMATION



Grade	Information
MF108	Polyamide 6, reinforced with 40% of Mineral filler, for injection molding

Properties		Standards	Unit	Values
Physical	Specific Gravity	ASTM D792	g/cm^2	1.46
	Moisture absorption 24h at 23°C	ASTM D570	%	-
	Mould shrinkage (flow)	Cresin Method	%	0.2 ~ 0.5
	Mould shrinkage (transverse)	Cresin Method	%	0.3 ~ 0.6
Mechanical	Izod Notched Impact	ASTM D256	kg.cm/cm	7
	Tensile Strength	ASTM D638	kg/cm^2	830
	Elongation	ASTM D638	%	3
	Flexible Strength	ASTM D790	kg/cm^2	1,400
	Flexible Modulus	ASTM D790	kg/cm^2	55,000
	Rockwell hardness	ASTM D785	R-Scale	118
Thermal	Melting Point	ASTM D3418	°C	220
	HDT	ASTM D648	°C (18.5 kg/cm^2)	170
			°C (4.6 kg/cm^2)	200
	Flammability	UL 94	-	HB

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