

M33AM5U

Data Sheet

- Mineral filler/Glass Fiber reinforced grade

Physical Properties		Test Method	Unit	Value
Density		ASTM D792	g/cm ³	1.59
Moisture Absorption	23°C, 50%RH	ASTM D570	%	0.30
Mold Shrinkage	3mm, MD/TD	ASTM D955	%	0.4/1.4

Mechanical Properties		Test Method	Unit	Value
Tensile Strength at Yield	23°C	ASTM D638	MPa	82
Elongation at Break	23°C	ASTM D638	%	3
Flexural Strength	23°C	ASTM D790	MPa	130
Flexural Modulus	23°C	ASTM D790	MPa	6,400
Charpy Notched Impact strength	23°C	ISO 179/1eA	kJ/m ²	6

Thermal Properties		Test Method	Unit	Value
Melting Temperature		ASTM D3418	°C	222
Melt Flow Index	240°C, 2.16kg	ASTM D1238	g/10min	9
Flammability	t = 0.8mm	UL 94	Class	HB

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