

M640A

Data Sheet

- Low flow, High melting Temp. base resin

Physical Properties		Test Method	Unit	Value
Density		ASTM D792	g/cm ³	1.24
Moisture Absorption	23°C, 50%RH	ASTM D570	%	0.5

Mechanical Properties		Test Method	Unit	Value
Tensile Strength at Yield	23°C	ASTM D638	MPa	65
Nominal Strain at Break	23°C	ASTM D638	%	230
Flexural Strength	23°C	ASTM D790	MPa	50
Flexural Modulus	23°C	ASTM D790	MPa	1,520
Charpy Notched Impact strength	23°C	ISO 179/1eA	kJ/m ²	21

Thermal Properties		Test Method	Unit	Value
Melting Temperature		ASTM D3418	°C	235
Heat Deflection Temperature	18.6 Kg/cm ²	ASTM D648	°C	105
Melt Flow Index	240°C, 2.16kg	ASTM D1238	g/10min	6
Flammability	t = 0.8mm	UL 94	Class	HB

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