

Wellamid® MR1873-EPBK1

Polyamide 6

Wellman Engineering Resins

Message:

Chrome Platable

General Information			
Filler / Reinforcement	Mineral,40% Filler by Weight		
Features	Platable		
Physical	Nominal Value	Unit	Test Method
Density	1.46	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow : 23°C	1.1 to 1.5	%	
Flow : 23°C	1.2 to 1.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	60.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	15	%	ISO 527-2
Flexural Modulus (23°C)	4200	MPa	ISO 178
Flexural Stress (23°C)	95.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	10	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
Melting Temperature (DSC)	220	°C	ISO 3146

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