

Wellamid® T-731E-BK

Polyamide 6

Wellman Engineering Resins

Message:

Wellamid® T-731E-BK is a Polyamide 6 (Nylon 6) material filled with 10% filler. It is available in Asia Pacific, Europe, Latin America, or North America. Primary attribute of Wellamid® T-731E-BK: Wear Resistant.

General Information			
Filler / Reinforcement	Filler, 10% Filler by Weight		
Features	Good Abrasion Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.3 to 1.7	%	
Flow	1.6 to 2.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	65.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	30	%	ISO 527-2
Flexural Modulus (23°C)	2600	MPa	ISO 178
Flexural Stress (23°C)	90.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	8.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	60.0	°C	ISO 75-2/A
Melting Temperature (DSC)	220	°C	ISO 3146

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Recommended distributors for this material

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