

Wellamid® XT1816-BK1

Polyamide 66
Wellman Engineering Resins

Message:

Wellamid® XT1816-BK1 is a Polyamide 66 (Nylon 66) material. It is available in Asia Pacific, Europe, Latin America, or North America.
Important attributes of Wellamid® XT1816-BK1 are:
Impact Modified
Impact Resistant

General Information			
Additive	Impact Modifier		
Features	High Impact Resistance		
	Impact Modified		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow : 23°C	1.6 to 2.0	%	
Flow : 23°C	2.2 to 2.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	45.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	80	%	ISO 527-2
Flexural Modulus (23°C)	1700	MPa	ISO 178
Flexural Stress (23°C)	55.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	65	kJ/m²	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)	260	°C	ISO 3146

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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