Wellamid®
ENGINEERING RESIN

Wellamid® GFT1628-BK

Glass Fiber Reinforced, Impact Modified Nylon Resin (PA66)

	ISO	Metric		Standard	
Property	**Test Method**	**Units**	**Value**	**Units**	**Value**
Tensile Strength	527-93	MPa	**110**	psi*	**16,000**
Tensile Elongation	527-93	%	**3**	%	**3**
Flexural Modulus	178-93	MPa	**5,300**	psi*(10^5)	**7.7**
Flexural Strength	178-93	MPa	**160**	psi*	**23,200**
Izod Impact	180-93	kJ/m^2	**10**	ft-lbs/in*	**1.9**
HDT @ 264 psi	75-93	°C	**230**	°F	**445**
Density	1183-87	g/cc	**1.24**	g/cc	**1.24**
Melting Point	3146	°C	**260**	°F	**500**
Shrinkage – Flow	DIS 294-4	%	**0.8**	%	**0.8**
Shrinkage – Transverse	DIS 294-4	%	**1.0**	%	**1.0**
Flammability	UL-94		**-**		**-**
Filler Content	3451-4	%	**17**	%	**17**

Note: This is typical data obtained from injection molded test bars, tested dry as molded at 73°F (23°C). Pigments, colorants and other additives may affect certain properties; customers should verify actual properties when considering applications. The data listed here fall in the normal range of product properties but it should not be used to establish specification limits or used alone as the basis for design.

** Rounded conversions of Metric Units **
1 MPa = 145 PSI
5.25 kJ/m^2 = 1 ft-lbs/in

For more information call our Customer Service - Toll Free: 1 (800) 821-6022