

Technical Data Sheet



**Vitamide BT34ST BLACK 2-0864 C**

Polyamide 6

**Product Description**

Vitamide BT34ST BLACK 2-0864 C is a Polyamide 6 Glass Fiber, 20% filled material. Features include: Impact Modified.

<b>Attribute</b>	Impact Modified
<b>Additive</b>	Impact Modifier
<b>Application</b>	Appliance Components
<b>Filler/Reinforcement</b>	Glass Fiber, 20%

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Density	1.3	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Stress at Yield	75	MPa	ISO 527-2
Flexural Modulus	3400	MPa	ISO 178
<b>Impact</b>			
Notched Izod Impact Strength	13	kJ/m <sup>2</sup>	ISO 180
<b>Thermal</b>			
DSC Melting Point	220	°C	ISO 3146
<b>Flammable</b>			
Burning Rate			
(2.00 mm)	<100	mm/min	ISO 3795
(2.00 mm)	<100	mm/min	FMVSS 302
<b>UL Information</b>			
Flame Rating	HB		UL 94

Injection Parameters	Nominal Value	Units
Drying Time	3.0 to 4.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	250 to 280	°C
Mold Temperature	60 to 100	°C