

Technical Data Sheet

Vitamide AW33 BK 2-0244



Polyamide 66

Product Description

Vitamide AW33 BK 2-0244 is a Polyamide 66 Mineral, 17% filled material. Features include: Impact Modified.

Attribute	Impact Modified
Additive	Impact Modifier
Filler/Reinforcement	Mineral, 17%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	1.22	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	40	MPa	ISO 527-2
Tensile Strain at Break	55	%	ISO 527-2
Impact			
Notched Izod Impact Strength	13	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load Unannealed (0.45 MPa)	>200	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa)	>180	°C	ISO 75-2/A
DSC Melting Point	255	°C	ISO 3146
Electrical			
Dielectric Strength, (2.00 mm)	40	kV/mm	IEC 60243-1
Comparative Tracking Index (CTI), (Solution A)	600	V	IEC 60112
Surface Resistivity	1000000000 0000	ohm	IEC 60093
Flammable			
Burning Rate			
(2.00 mm)	<100	mm/min	FMVSS 302
(2.00 mm)	<100	mm/min	ISO 3795
UL Information			
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	280 to 300	°C
Mold Temperature	60 to 120	°C