

Technical Data Sheet

Vitamide AW33 BK 2-0244



Polyamide 66

Product Description

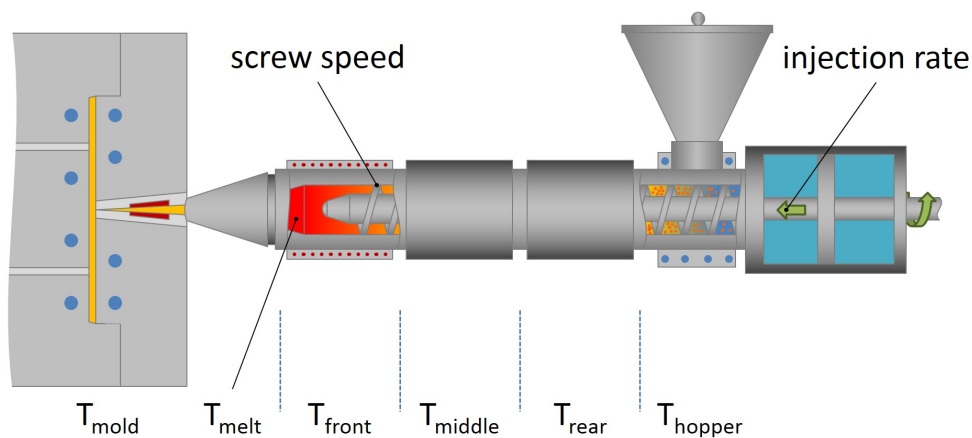
Vitamide AW33 BK 2-0244 is a Polyamide 66 Mineral, 17% filled material. Features include: Impact Modified.

Regulatory Status

For regulatory compliance information, see AW33 BK 2-0244 [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	Africa-Middle East; Asia-Pacific; Europe; Latin America; North America
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

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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