

Ultramid® 66 H2 G/25-V0KB1 BK3324

Polyamide 66

BASF Corporation

Message:

Ultramid 66 H2 G/25-V0KB1 BK3324 is a 25% glass reinforced, heat stabilized injection molding grade. It's a V-0 self-extinguishing, with phosphorous. It offers good flowability, surface finish and good mechanical properties. It has excellent electrical properties.

General Information			
UL YellowCard	E36632-556445		
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Electrical Properties		
	Good Flow		
	Good Surface Finish		
	Heat Stabilized		
	Self Extinguishing		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	135	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	2.5	%	ISO 527-2
Flexural Modulus (23°C)	7500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m²	ISO 179
Notched Izod Impact Strength (23°C)	7.3	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	237	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 4.0	hr	
Suggested Max Moisture	0.050	%	
Processing (Melt) Temp	285 to 300	°C	

Mold Temperature	80.0 to 90.0	°C
Injection Pressure	3.50 to 12.5	MPa
Injection Rate	Fast	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

