

VITAMIDE® BR32BK9001

Polyamide 6

Jackdaw Polymers

Message:

VITAMIDE® BR32BK9001 is a Polyamide 6 (Nylon 6) product filled with 10% glass fiber. It is available in Europe.

Characteristics include:

Flame Rated

Heat Stabilizer

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	1.2	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	85.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	5.0	%	ASTM D638, ISO 527-2
Flexural Modulus	3500	MPa	ASTM D790, ISO 178
Flexural Stress			
--	90.0	MPa	ISO 178
Break	90.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	195	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	185	°C	ASTM D648, ISO 75-2/A
Melting Temperature	220	°C	ASTM D2117, ISO 1218
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Glow Wire Ignition Temperature (30 sec)	550	°C	IEC 60695-2-13
Oxygen Index	24	%	ASTM D2863, ISO 4589-2

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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

