

VITAMIDE® BY36BK6595

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BY36BK6595 is a Polyamide 6 (Nylon 6) product filled with 30% glass fiber. It is available in Europe.
Characteristics include:
Flame Rated
Flame Retardant

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.57	g/cm³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	1.5	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	140	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	2.5	%	ASTM D638, ISO 527-2
Flexural Modulus	7500	MPa	ASTM D790, ISO 178
Flexural Stress			
--	175	MPa	ISO 178
Break	175	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact Strength	8.0	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	220	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	200	°C	ASTM D648, ISO 75-2/A
Peak Melting Temperature	222	°C	ASTM D2117, ISO 1218
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257, IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94

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

