

VITAMIDE® AD38BK6319

Polyamide 66

Jackdaw Polymers

Message:

VITAMIDE® AD38BK6319 is a Polyamide 66 (Nylon 66) product filled with 40% graphite fiber. It is available in Europe.

Characteristics include:

Flame Rated

Heat Stabilizer

General Information			
Filler / Reinforcement	Graphite Fiber,40% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm ³	ASTM D792, ISO 1183
Molding Shrinkage - Flow	0.30	%	ISO 294-4
Water Absorption (23°C, 24 hr)	0.80	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	179	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	2.0	%	ASTM D638, ISO 527-2
Flexural Modulus	8000	MPa	ASTM D790, ISO 178
Flexural Stress			
--	190	MPa	ISO 178
Break	190	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength ¹	37.0	kJ/m ²	ASTM D256
Charpy Unnotched Impact Strength	37	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	252	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	252	°C	ASTM D648, ISO 75-2/A
Melting Temperature	260	°C	ASTM D2117, ISO 1218
CLTE - Flow	2.5E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	3.0E+14	ohms · cm	ASTM D257, IEC 60093
Dielectric Strength	24	kV/mm	ASTM D149, IEC 60243-1
Comparative Tracking Index			
Solution A	> 600	V	IEC 60112
-- ²	> 600	V	ASTM D3638

Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Oxygen Index	23	%	ASTM D2863, ISO 4589-2
NOTE			
1.	Method A		
2.	Solution A		

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

