

VITAMIDE® AW38BK6150

Polyamide 66
Jackdaw Polymers

Message:

VITAMIDE® AW38BK6150 is a Polyamide 66 (Nylon 66) product filled with 40% carbon fiber. It is available in Europe.
Characteristics include:
Flame Rated
Heat Stabilizer

General Information			
Filler / Reinforcement	Carbon Fiber,40% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	0.60	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	270	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	2.0	%	ASTM D638, ISO 527-2
Flexural Modulus	21000	MPa	ASTM D790, ISO 178
Flexural Stress			
--	400	MPa	ISO 178
Break	400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	30	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	265	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	260	°C	ASTM D648, ISO 75-2/A
Melting Temperature	260	°C	ISO 1218, ASTM D2117
CLTE - Flow	8.0E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	10	ohms · cm	ASTM D257, IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		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.

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

