

VITAMIDE® AW10BK6612

Polyamide 66
Jackdaw Polymers

Message:

VITAMIDE® AW10BK6612 is a Polyamide 66 (Nylon 66) product. It is available in Europe. Primary characteristic: flame rated.

General Information			
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	1.3	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	74.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	55	%	ASTM D638, ISO 527-2
Flexural Modulus	2400	MPa	ASTM D790, ISO 178
Flexural Strength	100	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	210	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	70.0	°C	ASTM D648, ISO 75-2/A
Melting Temperature	260	°C	ISO 1218, ASTM D2117
CLTE - Flow	7.0E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	

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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



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