

VITAMIDE® AR32NT6017

Polyamide 66
Jackdaw Polymers

Message:

VITAMIDE® AR32NT6017 is a Polyamide 66 (Nylon 66) product. It is available in Europe. Primary characteristic: flame rated.

General Information			
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	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	105	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	3.0	%	ASTM D638, ISO 527-2
Flexural Modulus	4200	MPa	ASTM D790, ISO 178
Flexural Strength	150	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength ¹	25.0	kJ/m ²	ASTM D256
Charpy Unnotched Impact Strength	25	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	255	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	230	°C	ASTM D648, ISO 75-2/A
Melting Temperature	260	°C	
CLTE - Flow	4.1E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms · cm	IEC 60093
Dielectric Strength	31	kV/mm	ASTM D149, IEC 60243-1
Comparative Tracking Index (Solution A)	450	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Oxygen Index	24	%	ASTM D2863, ISO 4589-2
NOTE			
1.	Method 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

