

VITAMIDE® AS30NT6001

Polyamide 66

Jackdaw Polymers

Message:

VITAMIDE® AS30NT6001 is a Polyamide 66 (Nylon 66) product. It is available in Europe.

Characteristics include:

Flame Rated

Heat Stabilizer

General Information			
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	1.3	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	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 Stress			
--	100	MPa	ISO 178
Break	100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m ²	ISO 179
Charpy Notched Impact Strength ¹	10.0	kJ/m ²	ASTM D256
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	ASTM D2117, ISO 1218
CLTE - Flow	7.0E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	4.0E+15	ohms · cm	ASTM D257, IEC 60093
Dielectric Strength	27	kV/mm	ASTM D149, IEC 60243-1
Comparative Tracking Index			
Solution A	> 530	V	IEC 60112
-- ²	> 530	V	ASTM D3638
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94

Glow Wire Ignition Temperature (1.60 mm)	850	°C	IEC 60695-2-13
Oxygen Index	27	%	ASTM D2863, ISO 4589-2
NOTE			
1.	Method B		
2.	Solution A		

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