

VITAMIDE® AF30BK6030

Polyamide 66

Jackdaw Polymers

Message:

VITAMIDE® AF30BK6030 is a Polyamide 66 (Nylon 66) product. It is available in Europe.

Characteristics include:

Flame Retardant

Halogen Free

Heat Stabilizer

General Information			
Additive	Heat Stabilizer		
Features	Flame Retardant		
	Halogen Free		
	Heat Stabilized		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	1.3	%	ASTM D570, ISO 62
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	76		
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength ¹	21.0	kJ/m²	ASTM D256
Charpy Unnotched Impact Strength	21	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	195	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	80.0	°C	ASTM D648, ISO 75-2/A
Melting Temperature	255	°C	ASTM D2117, ISO 1218
CLTE - Flow	6.5E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Needle Flame Test (1.60 mm)	Pass		IEC 60695-11-5
Flammability	Nominal Value	Unit	Test Method
Glow Wire Ignition Temperature (1.60 mm)	650	°C	IEC 60695-2-13
NOTE			

1. Method A

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