

VITAMIDE® AM10BK6217

Polyamide 66

Jackdaw Polymers

Message:

VITAMIDE® AM10BK6217 is a Polyamide 66 (Nylon 66) product. It is available in Europe.

Characteristics include:

Flame Rated

Lubricated

General Information			
Additive	Molybdenum Disulfide Lubricant		
Features	Lubricated		
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	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)	80.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	8.0	%	ASTM D638, ISO 527-2
Flexural Modulus	2900	MPa	ASTM D790, ISO 178
Flexural Stress			
--	100	MPa	ISO 178
Break	100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength ¹	21.0	kJ/m ²	ASTM D256
Charpy Unnotched Impact Strength	21	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	225	°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	6.0E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Oxygen Index	31	%	ASTM D2863, ISO 4589-2
NOTE			
1.	Method A		

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