

VITAMIDE® AY15BK6692

Polyamide 66
Jackdaw Polymers

Message:

VITAMIDE® AY15BK6692 is a Polyamide 66 (Nylon 66) product filled with 25% mineral. It is available in Europe. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Mineral,25% Filler by Weight		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm³	ASTM D792, ISO 1183
Water Absorption			
24 hr	0.85	%	ASTM D570
23°C, 24 hr	0.85	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	75.0	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	90.0	MPa	ASTM D790, ISO 178
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	125	°C	ASTM D648, ISO 75-2/A
Melting Temperature	255	°C	ISO 1218, ASTM D2117
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	ASTM D257, IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-0		UL 94
Glow Wire Ignition Temperature	960	°C	IEC 60695-2-13
Oxygen Index	28	%	ASTM D2863, ISO 4589-2

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