

VITAMIDE® AP36BK6738

Polyamide 66
Jackdaw Polymers

Message:

VITAMIDE® AP36BK6738 is a Polyamide 66 (Nylon 66) product. It is available in Europe. Primary characteristic: flame rated.

General Information			
Appearance	Black		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	0.80	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	150	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	> 4.0	%	ASTM D638, ISO 527-2
Flexural Modulus	6500	MPa	ASTM D790, ISO 178
Flexural Strength	220	MPa	ASTM D790, ISO 178
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	260	°C	ISO 1218, ASTM D2117
CLTE - Flow	4.0E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257, IEC 60093
Dielectric Strength	21	kV/mm	ASTM D149, IEC 60243-1
Comparative Tracking Index			
Solution A	450	V	IEC 60112
-- 1	450	V	ASTM D3638
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Oxygen Index	27	%	ASTM D2863, ISO 4589-2
NOTE			

1. Solution A

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