

VITAMIDE® AR35BK8502

Polyamide 66
Jackdaw Polymers

Message:

VITAMIDE® AR35BK8502 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	1.33	g/cm³	ASTM D792, ISO 1183
Molding Shrinkage	0.60 to 0.90	%	Internal Method
Water Absorption (23°C, 24 hr)	1.0	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	150	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	3.5	%	ASTM D638, ISO 527-2
Flexural Modulus	7000	MPa	ASTM D790, ISO 178
Flexural Strength	220	MPa	ASTM D790, ISO 178
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	240	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	235	°C	ASTM D648, ISO 75-2/A
Melting Temperature	255	°C	ISO 1218, ASTM D2117
CLTE - Flow	3.5E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Oxygen Index	22	%	ASTM D2863, ISO 4589-2

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