

VITAMIDE® BI10VN3295/1

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BI10VN3295/1 is a Polyamide 6 (Nylon 6) product. It is available in Europe.
Characteristics include:
Flame Rated
Impact Modified

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	1.8	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	75.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	25	%	ASTM D638, ISO 527-2
Flexural Modulus	2000	MPa	ASTM D790, ISO 178
Flexural Stress			
--	80.0	MPa	ISO 178
Break	80.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	12	kJ/m ²	ISO 179
Notched Izod Impact Strength	10	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	185	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	60.0	°C	ASTM D648, ISO 75-2/A
Peak Melting Temperature	221	°C	ASTM D2117, ISO 1218
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	21	kV/mm	ASTM D149, IEC 60243-1
Comparative Tracking Index (Solution A)	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

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