

VITAMIDE® BR73WT6515

Polyamide 6
Jackdaw Polymers

Message:

VITAMIDE® BR73WT6515 is a Polyamide 6 (Nylon 6) product filled with 15% glass fiber. It is available in Europe. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber, 15% Filler by Weight		
Appearance	White		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm ³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	1.2	%	ASTM D570, ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	120	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	3.0	%	ASTM D638, ISO 527-2
Flexural Modulus	4800	MPa	ASTM D790, ISO 178
Flexural Stress			
--	140	MPa	ISO 178
Break	140	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m ²	ISO 179
Charpy Notched Impact Strength ¹	5.00	kJ/m ²	ASTM D256
Charpy Unnotched Impact Strength ²	30.0	kJ/m ²	ASTM D256
Charpy Unnotched Impact Strength	30	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	210	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	190	°C	ASTM D648, ISO 75-2/A
Melting Temperature	220	°C	ASTM D2117, ISO 1218
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-2		UL 94
Oxygen Index	24	%	ASTM D2863, ISO 4589-2
NOTE			
1.	Method B		
2.	Method A		

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