VITAMIDE® BY13BK6088

Polyamide 6

Jackdaw Polymers

Message:

VITAMIDE® BY13BK6088 is a Polyamide 6 (Nylon 6) product filled with 15% glass fiber. It is available in Europe. Primary characteristic: flame retardant.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Additive	Halogen		
Features	Flame Retardant Halogenated		
Appearance	Black		
Forms	Pellets		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.43	g/cm³	ASTM D792, ISO 1183
Molding Shrinkage - Flow	0.44	%	ISO 294-4
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	120	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	2.7	%	ASTM D638, ISO 527-2
Flexural Modulus	6000	MPa	ASTM D790, ISO 178
Flexural Stress			
--	175	MPa	ISO 178
Break	175	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Unnotched Impact Strength [1]	39.0	kJ/m²	ASTM D256
Charpy Unnotched Impact Strength	39	kJ/m²	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			
0.45 MPa, Unannealed	200	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	180	°C	ASTM D648, ISO 75-2/A
Melting Temperature	218	°C	ASTM D2117, ISO 1218
NOTE			
1.	Method A		

Recommended distributors for this material

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