

VITAMIDE® TS70BK6761

Polyamide 66/6 Copolymer

Jackdaw Polymers

Message:

VITAMIDE® TS70BK6761 is a Polyamide 66/6 Copolymer (Nylon 66/6) product. It is available in Europe. Primary characteristic: flame rated.

General Information			
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792, ISO 1183
Molding Shrinkage - Flow ¹ (4.00 mm)	1.5	%	Internal Method
Water Absorption (23°C, 24 hr)	1.3	%	ASTM D570, ISO 62
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	80		NF T 51-109
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	80.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	50	%	ASTM D638, ISO 527-2
Flexural Modulus	2600	MPa	ASTM D790, ISO 178
Flexural Stress			
--	110	MPa	ISO 178
Break	110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	205	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	90.0	°C	ASTM D648, ISO 75-2/A
Melting Temperature	240	°C	ASTM D2117, ISO 1218
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Oxygen Index	24	%	ASTM D2863, ISO 4589-2
NOTE			
1.	120x10x4 mm		

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