



MATERIAL DATA SHEET

Badamid[®] A70 GF30 FR HF

Bada Hispanaplast, S.A.

Tipo: PA66+30% Glassfibers+Flame retardant+Halogen and phosphorous free

Properties	Units	Norm	Valores
Mechanical properties		DIN-ISO	
Tensile strength	N/mm ²	53455-527	190
Elongation at break	%	53455-527	4
Tensile modulus	N/mm ²	53457-527	11500
Flexural strength	N/mm ²	53452-178	--
Charpy Impact (+23°C)	Kj/m ²	53453-179	Not broken
Charpy Impact Notched (+23°C)	Kj/m ²	53453-179	14
Electrical properties			
Dielectric constant	-	IEC 60250	3,2
Dissipation factor (1 MHz)	E-4	0303T21-IEC 243	--
Comparative tracking index	CTI... CTI...M	0303T1-IEC 112	CTI 550 CTI -- M
Termal properties			
Melting point	°C	Método DSC	255-265
Heat deflection temperature		53461-75	
HDT - Met. A (1,8 MPa)	°C		sec ≤240
HDT - Met. B (0,45 MPa)	°C		sec ≤240
General properties			
Density	g/cm ³	53461-1183	1,47±0,01
Viscosity	cm ³ /gr	DIN ISO 307	125-165
Flammability (1,6mm)	Class	UL94-IEC 707	V-0

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