

**MATERIAL DATA SHEET****Badamid[®] PA12 GK30****Bada Hispanaplast, S.A.**

Type:PA12+30% Glassbeads

Properties	Units	Norm	Valores
Mechanical properties		DIN-ISO	
Tensile strength	N/mm ²	53455-527	48
Elongation at break	%	53455-527	≤30
Tensile modulus	N/mm ²	53457-527	1650
Flexural strength	N/mm ²	53452-178	--
Charpy Impact (+ 23°C)	Kj/m ²	53453-179	≥100
Charpy Impact Notched (+23°C)	Kj/m ²	53453-179	5
Electrical properties			
Dielectric constant	-	IEC 60250	--
Dissipation factor (1 MHz)	E-4	0303T21-IEC 243	--
Comparative tracking index	CTI... CTI...M	0303T1-IEC 112	CTI 600 CTI -- M
Termal properties			
Melting point	°C	Método DSC	175-180
Heat deflection temperature		53461-75	
HDT - Met. A (1,8 MPa)	°C		sec ≤50
HDT - Met. B (0,45 MPa)	°C		sec ≤40
General properties			
Density	g/cm ³	53461-1183	1,20±0,01
Viscosity	cm ³ /gr	DIN ISO 307	--
Flammability (1,6mm)	Class	UL94-IEC 707	HB
(0,8mm)			HB

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