CELANYL® A3 HH J10 GF13 NC 1102/E

PA66-GF13 Celanese

Product Texts

Car industry, Household appliances, Electrical devices.

Flammability @3.2mm nom. thickn.	HB	-
Flammability @0.8mm nom. thickn.	HB	-

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
[C] Molding shrinkage, parallel	**0.5 / ***	%	ISO 294-4, 2577
[C] Molding shrinkage, normal	**0.8 / ***	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**5200 / 3000**	MPa	ISO 527
[C] Stress at break	**110 / 70**	MPa	ISO 527
[C] Strain at break	**5 / 10**	%	ISO 527
[C] Charpy impact strength, +23°C	**70 / 80**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**12 / 20**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**235 / ***	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Water absorption	**6.2 / ***	%	Sim. to ISO 62
[C] Humidity absorption	**1.7 / ***	%	Sim. to ISO 62
[C] Density	**- / 1200**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Delivery form

Natural Color

Regional Availability

Europe

Applications

Automotive, Electrical and Electronical

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