CELANYL® A3 GF20 TF20 NC 1102/E

PA66-GF20 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	**1.0 / ***	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**6300 / -**	MPa	ISO 527
[C] Stress at break	**120 / -**	MPa	ISO 527
[C] Strain at break	**2.5 / -**	%	ISO 527
[C] Charpy impact strength, +23°C	**40 / -**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**8 / -**	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	**250 / ***	°C	ISO 75-1/-2
[C] Temp. of deflection under load, 0.45 MPa	**260 / ***	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Water absorption	**5.4 / ***	%	Sim. to ISO 62
[C] Humidity absorption	**1.3 / ***	%	Sim. to ISO 62
[C] Density	**- / 1420**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Delivery form

Natural Color

Applications

Automotive, Electrical and Electronical

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