

Product Texts

PA66 unfilled, hydrolysis resistant.
Car industry, Household appliances, Electrical devices.

Flammability @3.2mm nom. thickn. V-2 -
Flammability @1.6mm nom. thickn. V-2 -

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	1.8 / *	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	1.8 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	3100 / 1350	MPa	ISO 527
^[C] Yield stress	85 / -	MPa	ISO 527
^[C] Yield strain	4 / -	%	ISO 527
^[C] Charpy impact strength, +23°C	N / N	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	4.5 / 20	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	85 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	205 / *	°C	ISO 75-1/-2
^[C] Burning Behav. at 1.5 mm nom. thickn.	V-2 / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Thickness tested	1.6 / *	mm	-
Yellow Card available	yes / *	-	-

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Water absorption	8.5 / *	%	Sim. to ISO 62
^[C] Humidity absorption	2.1 / *	%	Sim. to ISO 62
^[C] Density	- / 1140	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Delivery form

Natural Color

Applications

Automotive, Electrical and Electronical

Chemical Resistance

Hydrolytically Stable