

Product Texts

PA66, unfilled, Halogen and red phosphorous free. Rated UL V0.
Car industry, Household appliances, Electrical devices.

Flammability @3.2mm nom. thickn. V-0 -
Flammability @0.4mm nom. thickn. V-0 UL recognition (0.4)

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	1.4 / *	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	1.4 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	3400 / -	MPa	ISO 527
^[C] Charpy impact strength, +23°C	100 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	3.5 / -	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	75 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	185 / *	°C	ISO 75-1/-2
Thickness tested	1.6 / *	mm	-

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Water absorption	8 / *	%	Sim. to ISO 62
^[C] Humidity absorption	2.4 / *	%	Sim. to ISO 62
^[C] Density	- / 1160	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Special Characteristics

Flame retardant, Halogen-free, Phosphorus-free

Regional Availability

North America, Europe, Asia Pacific

Applications

Automotive, Electrical and Electronical