

Product Texts

30% mineral filled flame-retardant Polyamide 66 grade with low warpage; without PBDE.

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	9200 / 4500	MPa	ISO 527
^[C] Stress at break	80 / 40	MPa	ISO 527
^[C] Strain at break	2 / 6	%	ISO 527
^[C] Charpy impact strength, +23°C	23 / 33	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	12 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	2 / 2	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	2 / -	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	153 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	236 / *	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	239 / *	°C	ISO 306
^[C] Burning Behav. at 1.5 mm nom. thickn.	V-2 / *	class	IEC 60695-11-10
Thickness tested	1.5 / *	mm	-
Yellow Card available	yes / *	-	-
^[C] Burning Behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	3.0 / *	mm	-
Yellow Card available	yes / *	-	-
^[C] Oxygen index	33 / *	%	ISO 4589-1/-2

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Comparative tracking index	300 / -	-	IEC 60112

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1600 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa