

**Product Texts**

*Designed for Electrical applications requiring self-extinguishing properties combined with easy processability and excellent surface quality, this grade meets the most stringent safety requirements for insulating materials.*

Flammability @3.2mm nom. thickn.	V-0	-
Flammability @1.6mm nom. thickn.	V-0	-
Flammability @0.8mm nom. thickn.	V-0	-
Flammability @0.4mm nom. thickn.	V-0	UL recognition (0.4)

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Molding shrinkage, parallel	1.3 / *	%	ISO 294-4, 2577
<sup>[C]</sup> Molding shrinkage, normal	1.3 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	3250 / -	MPa	ISO 527
<sup>[C]</sup> Yield stress	75 / -	MPa	ISO 527
<sup>[C]</sup> Yield strain	4 / -	%	ISO 527
<sup>[C]</sup> Charpy impact strength, +23°C	70 / -	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy impact strength, -30°C	55 / -	kJ/m <sup>2</sup>	ISO 179/1eU
<sup>[C]</sup> Charpy notched impact strength, +23°C	3 / -	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Charpy notched impact strength, -30°C	2.7 / -	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	80 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	200 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Burning Behav. at 1.5 mm nom. thickn.	V-0 / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1
<sup>[C]</sup> Surface resistivity	* / 1E13	Ohm	IEC 62631-3-2
<sup>[C]</sup> Electric strength	18 / -	kV/mm	IEC 60243-1

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Water absorption	7.5 / *	%	Sim. to ISO 62
<sup>[C]</sup> Humidity absorption	1.9 / *	%	Sim. to ISO 62
<sup>[C]</sup> Density	- / 1160	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics**

**Special Characteristics**

Flame retardant

**Regional Availability**

North America, Europe, Asia Pacific

**Applications**

Electrical and Electronical