

Product Texts

PIBITER NRV215AE is a 15% glass-filled flame retardant PBT

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

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	6200	MPa	ISO 527
^[C] Stress at break	75	MPa	ISO 527
^[C] Strain at break	2	%	ISO 527
^[C] Charpy impact strength, +23°C	35	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	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	190	°C	ISO 75-1/-2
^[C] Burning Behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
^[C] Burning Behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	3.0	mm	-
Yellow Card available	yes	-	-

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Humidity absorption	0.05	%	Sim. to ISO 62
^[C] Density	1570	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant

Delivery form

Pellets