

Product Texts

Zenite' 7244 is a 40% glass mineral reinforced liquid crystal polymer resin with a high heat deflection temperature of 295C, high flow and good flatness.

Flammability at thickness h (0.35 V-0 mm)

UL recognition (h)

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	0.5	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	14000	MPa	ISO 527
^[C] Stress at break	115	MPa	ISO 527
^[C] Strain at break	1.4	%	ISO 527
^[C] Charpy notched impact strength, +23°C	9	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	295	°C	ISO 75-1/-2
^[C] Coeff. of linear therm. expansion, parallel	6	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	41	E-6/K	ISO 11359-1/-2
^[C] Burning Behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.3	mm	-
Yellow Card available	yes	-	-

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1730	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Special Characteristics**

Flame retardant

Regional Availability

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