

Product Texts

Zenite 5244L is a 40% glass/mineral reinforced LCP resin with improved toughness.

Flammability @1.6mm nom. thickn. V-0 -
 Flammability at thickness h (0.8 mm) V-0 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	0.4	%	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	131	MPa	ISO 527
^[C] Strain at break	1.66	%	ISO 527
^[C] Charpy impact strength, +23°C	27	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	16.6	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	318	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	285	°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	48	E-6/K	ISO 11359-1/-2
^[C] Burning Behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
^[C] Burning Behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Yellow Card available	yes	-	-

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1710	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