

Product Texts

Fortron 1120L4 is a 20% glass fiber reinforced injection molding grade exhibiting excellent heat and chemical resistance, inherent flame retardancy, high hardness and stiffness at elevated temperatures.

Flammability @1.6mm nom. thickn. V-0

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	0.7	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Stress at break	120	MPa	ISO 527
^[C] Strain at break	1.8	%	ISO 527

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	255	°C	ISO 75-1/-2
^[C] Coeff. of linear therm. expansion, parallel	26	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	53	E-6/K	ISO 11359-1/-2
^[C] Burning Behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Water absorption	0.02	%	Sim. to ISO 62
^[C] Density	1480	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Chemical Resistance

General Chemical Resistance

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Regional Availability

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