

Product Texts

40% glass reinforced, high weld-line strength, low warpage and with added lubricity. Chemical abbreviation according to ISO 1043-1 : LCP

Flammability at thickness h (0.25 V-0 mm)

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	0.6	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	15900	MPa	ISO 527
^[C] Stress at break	130	MPa	ISO 527
^[C] Strain at break	1	%	ISO 527

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	328	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	263	°C	ISO 75-1/-2
^[C] Vicat softening temperature, B	239	°C	ISO 306
^[C] Coeff. of linear therm. expansion, parallel	12	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	82	E-6/K	ISO 11359-1/-2
^[C] Burning Behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.2	mm	-

[C]: CAMPUS

Electrical properties	Value	Unit	Test Standard
ISO Data			
^[C] Surface resistivity	>1E15	Ohm	IEC 62631-3-2
^[C] Electric strength	33	kV/mm	IEC 60243-1

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1670	kg/m ³	ISO 1183

[C]: CAMPUS