

ZENITE® 650

LCP

Celanese

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, normal	0.6	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	18000	MPa	ISO 527
^[C] Charpy impact strength, +23°C	24	kJ/m ²	ISO 179/1eU

[C]: CAMPUS

Thermal properties

	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	278	°C	ISO 75-1/-2

[C]: CAMPUS

Electrical properties

	Value	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	1E14	Ohm	IEC 62631-3-2
^[C] Electric strength	24	kV/mm	IEC 60243-1

[C]: CAMPUS

Other properties

	Value	Unit	Test Standard
^[C] Density	2020	kg/m ³	ISO 1183

[C]: CAMPUS