

FORTRON® ICE 716L

PPS-(GF+MD)65

Celanese

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.3	%	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	21500	MPa	ISO 527
^[C] Stress at break	160	MPa	ISO 527
^[C] Strain at break	1.2	%	ISO 527
^[C] Charpy impact strength, +23°C	30	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	10	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	270	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 8.00 MPa	220	°C	ISO 75-1/-2
^[C] Coeff. of linear therm. expansion, parallel	14	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	31	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Water absorption	0.02	%	Sim. to ISO 62
^[C] Density	1950	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Delivery form**

Pellets

Regional Availability

North America, Europe, Asia Pacific, South and Central America