

CELANEX® 401AC

PBT

Celanese

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	1.9	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	1.8	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2360	MPa	ISO 527
^[C] Yield stress	55	MPa	ISO 527
^[C] Yield strain	10	%	ISO 527
^[C] Charpy impact strength, -30°C	2.9	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	54	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	137	°C	ISO 75-1/-2
^[C] Coeff. of linear therm. expansion, parallel	98	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	98	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1300	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Delivery form

Pellets