

4LEX 10F10000

PC

4Plas

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2350	MPa	ISO 527
Yield stress	58	MPa	ISO 527
Yield strain	8	%	ISO 527
Stress at break	52	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Charpy notched impact strength, +23°C	19	kJ/m ²	ISO 179/1eA
Izod impact strength, +23°C	N	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	60	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	15	kJ/m ²	ISO 180/1A
	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	144	°C	ISO 75-1/-2
Vicat softening temperature, B	145	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn. Thickness tested	HB	class	IEC 60695-11-10
	1.6	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	200	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1240	kg/m ³	ISO 1183

Characteristics**Regional Availability**

Europe