

4LEX 10F20000

PC

4Plas

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2160	MPa	ISO 527
Stress at break	63	MPa	ISO 527
Strain at break	>50	%	ISO 527
Izod notched impact strength, +23°C	65	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	10	kJ/m ²	ISO 180/1A
	-30	°C	-
ASTM Data			
Rockwell Hardness	R 120	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	150	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	133	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	133	°C	ISO 75-1/-2
Vicat softening temperature, B	150	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn. Thickness tested	V-2	class	IEC 60695-11-10
	1.6	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
Comparative tracking index	250	-	IEC 60112
ASTM Data			
Dielectric Constant, 1 MHz	2.9	-	ASTM D 150

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ISO 1183

Characteristics**Regional Availability**

Europe