

4LEX 10F10400

PC

4Plas

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	6	g/10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Mechanical properties			
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 notched impact strength, +23°C	60	kJ/m ²	ISO 180/1A
Izod notched impact strength	15	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Thermal properties			
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.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.2	mm	-
Electrical properties			
ISO Data			
Comparative tracking index	250	-	IEC 60112
Optical properties			
ASTM Data			
Light Transmittance	85	%	ASTM D 1003
Other properties			
Density	1200	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

U.V. stabilized or stable to weather

Regional Availability

Europe