

Experimental XZ 94261.00

PC

Trinseo

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	3	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2200	MPa	ISO 527
Yield stress	61	MPa	ISO 527
Yield strain	6	%	ISO 527
Stress at break	68	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2300	MPa	ISO 178
Charpy notched impact strength, +23°C	72	kJ/m ²	ISO 179/1eA
ASTM Data			
Izod Impact notched, 1/8 in	854	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	132	°C	ISO 75-1/-2
Vicat softening temperature, A	160	°C	ISO 306
Vicat softening temperature, B	158	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-

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

Characteristics**Processing**

Sheet Extrusion

Regional Availability

Europe, Near East/Africa

Features

Fatigue Resistance