

TechnoFin PP T 10 natural

PP-X10

TechnoCompound GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	40	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1900	MPa	ISO 527
Yield stress	30	MPa	ISO 527
Yield strain	6.5	%	ISO 527
Stress at break	31	MPa	ISO 527
Strain at break	11	%	ISO 527
Flexural modulus, 23°C	2120	MPa	ISO 178
Flexural strength	45	MPa	ISO 178
Charpy impact strength, +23°C	35	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	18.1	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	2.3	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	1.42	kJ/m ²	ISO 179/1eA
Ball indentation hardness	52	MPa	ISO 2039-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	64	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	113	°C	ISO 75-1/-2

Electrical properties	Value	Unit	Test Standard
ISO Data			
Surface resistivity	1E13	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	960	kg/m ³	ISO 1183

Characteristics**Delivery form**

Natural Color

Regional Availability

North America, Europe