

TechnoFin PP LR 23 black

PP-X23

TechnoCompound GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	5	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1200	MPa	ISO 527
Yield stress	22	MPa	ISO 527
Yield strain	5.5	%	ISO 527
Stress at break	22	MPa	ISO 527
Strain at break	9	%	ISO 527
Flexural modulus, 23°C	1180	MPa	ISO 178
Flexural strength	28	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	8.19	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	4.21	kJ/m ²	ISO 179/1eA
Ball indentation hardness	41	MPa	ISO 2039-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	50	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	84	°C	ISO 75-1/-2

Electrical properties	Value	Unit	Test Standard
ISO Data			
Surface resistivity	10000	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1030	kg/m ³	ISO 1183

Characteristics**Delivery form**

Black

Regional Availability

North America, Europe