

TechnoMid 6 GF30 1 ZA-3

PA6-GF30

TechnoCompound GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	120	cm ³ /10min	ISO 1133
Temperature	275	°C	-
Load	5	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	9000	MPa	ISO 527
Yield stress	145	MPa	ISO 527
Yield strain	2.2	%	ISO 527
Flexural modulus, 23°C	7000	MPa	ISO 178
Flexural strength	225	MPa	ISO 178
Charpy impact strength, +23°C	85	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	75	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	20	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	14	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	190	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	210	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Electrical properties			
ISO Data			
Comparative tracking index	550	-	IEC 60112
Other properties			
Water absorption	6.5	%	Sim. to ISO 62
Humidity absorption	2	%	Sim. to ISO 62
Density	1330	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

High impact or impact modified

Regional Availability

North America, Europe