

Arnite® CCT GF20 (T-X01415)

PBT-GF20

Properties	Typical Data	Unit	Test Method
MECHANICAL PROPERTIES			
Tensile modulus	7300	MPa	ISO 527-1/-2
Stress at break	112	MPa	ISO 527-1/-2
Strain at break	2.7	%	ISO 527-1/-2
Charpy impact strength (+23°C)	25	kJ/m ²	ISO 179/1eU
Charpy impact strength (-30°C)	25	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	7	kJ/m ²	ISO 179/1eA
Charpy notched impact strength (-30°C)	7	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
Temp. of deflection under load (1.80 MPa)	200	°C	ISO 75-1/-2
Burning Behav. at 1.6 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
ELECTRICAL PROPERTIES			
Volume resistivity	>1E13	Ohm*m	IEC 60093
Surface resistivity	>1E15	Ohm	IEC 60093
OTHER PROPERTIES			
Water absorption	0.3	%	Sim. to ISO 62
Humidity absorption	0.15	%	Sim. to ISO 62
Density	1460	kg/m ³	ISO 1183

