

Arnite® TV4 244 S

PBT-GF20 FR

Properties	Typical Data	Unit	Test Method
Mechanical properties			
	Value		
Tensile modulus	8500	MPa	ISO 527-1/-2
Stress at break	115	MPa	ISO 527-1/-2
Strain at break	2.7	%	ISO 527-1/-2
Charpy impact strength (+23°C)	40	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	6.4	kJ/m ²	ISO 179/1eA
Thermal properties			
	Value		
Burning Behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	IEC 60695-11-10
Burning Behav. at 3.0 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	3	mm	IEC 60695-11-10
Other properties			
	Value		
Density	1600	kg/m ³	ISO 1183

