


Arnite® TV4 244 S

PBT-GF20 FR

DSM Engineering Plastics

Product Texts

ISO 1043 PBT-GF20 FR

Mechanical properties
ISO Data

	Value	Unit	Test Standard
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
ISO Data

	Value	Unit	Test Standard
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	IEC 60695-11-10
UL recognition	UL	-	-

Other properties
ISO Data

	Value	Unit	Test Standard
Density	1610	kg/m ³	ISO 1183

Characteristics
Special Characteristics

Flame retardant

Other text information
Injection Molding
[Injection Molding Recommendations](#)