



Technical Datasheet PETG

General information

Trade name	AFT PETG Filament
polymer name	poly(ethylene tereftalate)glycol

Filament specifications

Trade diameter	1.75mm		3mm	
physical diameter	1.75	mm	2.85	Mm
tolerance	0.05	mm	0.10	mm

Material specifications

Property	Value	unit	Test method
Physical			
Density	1.27	g/cm ³	ASTM D1505
Melt mass flow rate	8	g/10min	ASTM D1238
Mechanical			
tensile strength @ yield	50	MPa	ASTM D638
tensile modulus	2140	MPa	ASTM D790
elongation @ break	120	%	ASTM D638
impact strength Izod Notched 23 °C	85	J/m	
Thermal			
melting point	135	°C	ASTM D1003
heat deflection temperature	70	°C	ASTM D648

