

**Product Texts**

RF material, 3D filament

Property	Value
Dielectric constant, 2.4 GHz	5.5
Tolerance	±0.2
Loss tangent, 2.4 GHz	0.0039

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	25	MPa	ISO 527
Yield stress	28	MPa	ISO 527
Yield strain	3	%	ISO 527
Strain at break	5	%	ISO 527
Flexural modulus, 23°C	1500	MPa	ISO 178
Izod impact strength, +23°C	20	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	3	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	70	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	90	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Water absorption	0.4	%	Sim. to ISO 62
Density	1680	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Additive Manufacturing

**Regional Availability**

Europe, Asia Pacific

**Delivery form**

Monofilament