

**Product Texts**

RF material

Property	Value
Dielectric constant, 2.4 GHz	4.0
Tolerance	±0.15
Loss tangent, 2.4 GHz	0.001

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	11	g/10min	ISO 1133
Temperature	300	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	11	MPa	ISO 527
Yield stress	17	MPa	ISO 527
Yield strain	4	%	ISO 527
Strain at break	63	%	ISO 527
Flexural modulus, 23°C	1400	MPa	ISO 178
Izod impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	59	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	48	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	78	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Water absorption	0.1	%	Sim. to ISO 62
Density	1520	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Regional Availability**

Europe, Asia Pacific