

**Product Texts**

RF material

Property	Value
Dielectric constant, 2.4 GHz	3.2
Tolerance	±0.1
Loss tangent, 2.4 GHz	0.0009

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	16	g/10min	ISO 1133
Temperature	300	°C	-
Load	5	kg	-
Molding shrinkage, parallel	1.0	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	47	MPa	ISO 527
Yield stress	55	MPa	ISO 527
Yield strain	10	%	ISO 527
Strain at break	30	%	ISO 527
Flexural modulus, 23°C	2000	MPa	ISO 178
Izod impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	69	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	20	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-20	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	155	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	176	°C	ISO 75-1/-2
Burning behav. at thickness h	V-1	class	IEC 60695-11-10
Thickness tested	3.0	mm	-

Other properties	Value	Unit	Test Standard
Water absorption	0.25	%	Sim. to ISO 62
Density	1210	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Regional Availability**

Europe, Asia Pacific