

**Product Texts**

RF material

Property	Value
Dielectric constant, 2.4 GHz	7.0
Tolerance	±0.2
Loss tangent, 2.4 GHz	0.0039

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	300	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	52	MPa	ISO 527
Yield stress	53	MPa	ISO 527
Yield strain	5	%	ISO 527
Strain at break	6	%	ISO 527
Flexural modulus, 23°C	4500	MPa	ISO 178
Izod impact strength, +23°C	42	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	6	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	119	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	128	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	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	1970	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Regional Availability**

Europe, Asia Pacific