

**Bergamid™ B650 Mi10**

PA6-MX10

Avient Corporation

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>3400</b>	MPa	ISO 527
Stress at break	<b>62</b>	MPa	ISO 527
Charpy impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>6</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>160</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>180</b>	°C	ISO 75-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.6</b>	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Relative permittivity, 1MHz	<b>6.2</b>	-	IEC 62631-2-1
Dissipation factor, 1MHz	<b>200</b>	E-4	IEC 62631-2-1
Volume resistivity	<b>1E10</b>	Ohm*m	IEC 62631-3-1
Surface resistivity	<b>1E10</b>	Ohm	IEC 62631-3-2
Comparative tracking index	<b>500</b>	-	IEC 60112
<b>Other properties</b>			
Density	<b>1200</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Pellets

**Regional Availability**

Europe