

**Product Texts**

SABIC® PPcompound 95610CSU10 is a mineral filled modified polypropylene. SABIC® PPcompound 95610CSU10 is a material with a high impact and stiffness. The material is part of the SABIC® PP CS systems and also available as a CS system: using a mixture of 80% SABIC® PP 95610 and 20% SABIC® PPcompound 20MBTFU yields similar properties as listed below. SABIC® PPcompound 95610CSU10 is a designated automotive grade. IMDS ID: 16485548

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>5.4</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>1050</b>	MPa	ISO 527
Yield stress	<b>17</b>	MPa	ISO 527
Stress at break	<b>19</b>	MPa	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
Flexural modulus, 23°C	<b>1100</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength	<b>10</b>	kJ/m <sup>2</sup>	ISO 180/1A
Shore D hardness	<b>59</b>	-	ISO 7619-1

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	<b>80</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>120</b>	°C	ISO 306

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>961</b>	kg/m <sup>3</sup>	ISO 1183