

**Product Texts**

SABIC® PP 90910 is a reactor-elastomer-modified material which offers a good cold impact resistance in combination with high flow. It is a highly attractive alternative to non-filled compounds and is typically used for painted car bumpers and exterior trim. SABIC® PP 90910 is a designated automotive grade. IMDS ID: 80775790

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>850</b>	MPa	ISO 527
Yield stress	<b>18</b>	MPa	ISO 527
Yield strain	<b>8</b>	%	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>N</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength	<b>15</b>	kJ/m <sup>2</sup>	ISO 180/1A
Shore D hardness	<b>50</b>	-	ISO 7619-1

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Vicat softening temperature, A	<b>125</b>	°C	ISO 306
Vicat softening temperature, B	<b>49</b>	°C	ISO 306

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>900</b>	kg/m <sup>3</sup>	ISO 1183