

**SABIC® PPcompound 9310D**

PP-MX

Saudi Basic Industries Corporation (SABIC)

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>20</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
Molding shrinkage, parallel	<b>0.9</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	<b>22</b>	MPa	ISO 527
Stress at break	<b>16</b>	MPa	ISO 527
Strain at break	<b>50</b>	%	ISO 527
Flexural modulus, 23°C	<b>1650</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>10</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	<b>4</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>-20</b>	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>58</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>112</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>93</b>	E-6/K	ISO 11359-1/-2
<b>Other properties</b>			
Density	<b>960</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Applications**

Automotive