

**SABIC® PPcompound 8511E - Europe**

PP-MX

Saudi Basic Industries Corporation (SABIC)

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>26</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
Molding shrinkage, parallel	<b>0.7</b>	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	<b>1850</b>	MPa	ISO 527
Yield stress	<b>20</b>	MPa	ISO 527
Stress at break	<b>15</b>	MPa	ISO 527
Strain at break	<b>12</b>	%	ISO 527
Flexural modulus, 23°C	<b>2400</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	<b>6</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>-20</b>	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>59</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>110</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>70</b>	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	<b>1030</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**

High impact or impact modified

**Applications**

Automotive

**Features**

Low Emission