

**SABIC® PPcompound 8503**

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Saudi Basic Industries Corporation (SABIC)

**Product Texts**

SABIC® PPcompound 8503 is a mineral filled impact modified Polypropylene for automotive exterior applications. This material has been designed to combine excellent paint adhesions, high modulus and high impact. SABIC® PPcompound 8503 is a designated automotive grade. IMDS ID: 535534809

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>6</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>1650</b>	MPa	ISO 527
Yield stress	<b>20</b>	MPa	ISO 527
Stress at break	<b>12</b>	MPa	ISO 527
Strain at break	<b>40</b>	%	ISO 527
Flexural modulus, 23°C	<b>1700</b>	MPa	ISO 178

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1040</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**

High impact or impact modified