

**Product Texts**

SABIC® PPcompound 7716 is a mineral filled modified polypropylene. This material combines high scratch resistance with a high stiffness, medium impact and good flow. This material has a broad processing window combined with good esthetical performance and excellent UV exterior stabilization. Typical applications include esthetical automotive exterior trim such as lateral trims, window trims. SABIC® PPcompound 7716 is a designated automotive grade. IMDS ID: 55028488

**Processing/Physical Characteristics**

	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<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	-

**Mechanical properties**

	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>1500</b>	MPa	ISO 527
Yield stress	<b>23</b>	MPa	ISO 527
Stress at break	<b>17</b>	MPa	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
Flexural modulus, 23°C	<b>1600</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>15</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength	<b>3</b>	kJ/m <sup>2</sup>	ISO 180/1A
Shore D hardness	<b>65</b>	-	ISO 7619-1

**Thermal properties**

	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	<b>110</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>130</b>	°C	ISO 306

**Other properties**

	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1000</b>	kg/m <sup>3</sup>	ISO 1183