

**SABIC® PPcompound 7890A**

PP

Saudi Basic Industries Corporation (SABIC)

**Product Texts**

SABIC® PPcompound 7890A is a mineral filled modified polypropylene. This material combines a very high flow with a good scratch resistance, anti static properties, low density and a good stiffness. This material has a very broad processing window and good esthetical performance. Typical applications include esthetical automotive interior parts such as door panels and interior trim. SABIC® PPcompound 7890A is a designated automotive grade. IMDS ID: 176098012

**Processing/Physical Characteristics**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	25	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

**Mechanical properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1700	MPa	ISO 527
Yield stress	24	MPa	ISO 527
Stress at break	18	MPa	ISO 527
Strain at break	20	%	ISO 527
Flexural modulus, 23°C	1800	MPa	ISO 178
Charpy notched impact strength, +23°C	7	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength	4	kJ/m <sup>2</sup>	ISO 180/1A
Shore D hardness	66	-	ISO 7619-1

**Thermal properties**

	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 0.45 MPa	105	°C	ISO 75-1/-2
Vicat softening temperature, A	130	°C	ISO 306

**Other properties**

	Value	Unit	Test Standard
Density	960	kg/m <sup>3</sup>	ISO 1183