

SABIC® PPcompound 8900P

PP

Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound 8900P is a mineral filled modified polypropylene. This material combines high flow with a very high stiffness and high impact, as well as a very low shrinkage and CLTE. The high stiffness and low CLTE makes the material suited for high demanding applications. The material is UV stabilized. SABIC® PPcompound 8900P is a designated automotive grade. IMDS ID: 472158864

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	20	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2600	MPa	ISO 527
Yield stress	24	MPa	ISO 527
Stress at break	15	MPa	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus, 23°C	2300	MPa	ISO 178
Izod notched impact strength	3.5	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	130	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1080	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

U.V. stabilized or stable to weather