

SABIC® PPcompound 9310

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Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound 9310 is an elastomer-modified mineral filled Polypropylene for automotive interior applications. This grade has been designed to combine a good performance profile with light weight and good surface esthetics. SABIC® PPcompound 9310 is a designated automotive grade. IMDS ID: 590167988

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	1650	MPa	ISO 527
Yield stress	21	MPa	ISO 527
Stress at break	16	MPa	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus, 23°C	1700	MPa	ISO 178
Izod notched impact strength	4	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	58	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	112	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	960	kg/m ³	ISO 1183