

SABIC® PPcompound 9510E

PP

Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound 9510E is a mineral filled modified polypropylene for automotive interior applications. This material combines high stiffness, good impact, low emissions and good processing. SABIC® PPcompound 9510E is a designated automotive grade. IMDS ID: 115845691

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	30	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2050	MPa	ISO 527
Yield stress	20.4	MPa	ISO 527
Stress at break	13.6	MPa	ISO 527
Strain at break	21.4	%	ISO 527
Flexural modulus, 23°C	2000	MPa	ISO 178
Charpy notched impact strength, +23°C	21.5	kJ/m ²	ISO 179/1eA
Izod notched impact strength	4.5	kJ/m ²	ISO 180/1A
Shore D hardness	66	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	105	°C	ISO 75-1/-2
Vicat softening temperature, A	125	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1050	kg/m ³	ISO 1183

Characteristics**Features**

Low Emission