

SABIC® PPcompound 2609B

PP

Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound 2609B is a mineral filled modified polypropylene. Typical material properties include good stiffness and impact. Typical applications include automotive exterior trims such as lateral siding. It can be used in painted and unpainted applications. SABIC® PPcompound 2609B is a designated automotive grade. IMDS ID: 554796047

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1250	MPa	ISO 527
Yield stress	28	MPa	ISO 527
Stress at break	15	MPa	ISO 527
Strain at break	10	%	ISO 527
Flexural modulus, 23°C	1300	MPa	ISO 178
Izod notched impact strength	5	kJ/m ²	ISO 180/1A

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

Other properties	Value	Unit	Test Standard
Density	1120	kg/m ³	ISO 1183