

SABIC® PPcompound 8611

PP

Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound 8611 is an elastomer-modified mineral filled Polypropylene for automotive exterior applications. This material has been designed to combine a good stiffness and excellent impact performance with good processing and surface esthetics. A UV stabilised grade is available as well (8611P). SABIC® PPcompound 8611 is a designated automotive grade. IMDS ID: 521448218

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	32	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1500	MPa	ISO 527
Yield stress	20	MPa	ISO 527
Stress at break	15	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1600	MPa	ISO 178
Izod notched impact strength	10	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	53	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	95	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	985	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

U.V. stabilized or stable to weather