

SABIC® PPcompound 9110

PP

Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound 9110 is a talc filled impact modified PP with excellent impact and stiffness ratio. The material exhibits high flow combined with a very high scratch resistance, no stickiness and a low density. SABIC® PPcompound 9110 designated automotive grade. IMDS ID: 136528993

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	23	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1450	MPa	ISO 527
Yield stress	22	MPa	ISO 527
Stress at break	18	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1550	MPa	ISO 178
Izod notched impact strength	6	kJ/m ²	ISO 180/1A
Shore D hardness	64	-	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

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

Characteristics**Special Characteristics**

High impact or impact modified