

SABIC® PPcompound 9125

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Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound 9125 is a Mineral Filled Modified Polypropylene for esthetic interior applications. This material combines a high scratch resistance with high stiffness, good impact and high flow. The broad processing window enables application in complex shapes as often found in automotive interior. SABIC® PPcompound 9125 is a designated automotive grade. IMDS ID: 478161235

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	1750	MPa	ISO 527
Yield stress	21	MPa	ISO 527
Stress at break	15	MPa	ISO 527
Strain at break	20	%	ISO 527
Flexural modulus, 23°C	1800	MPa	ISO 178
Shore D hardness	65	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	106	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1010	kg/m ³	ISO 1183