

SABIC® PPcompound 9105

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Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound 9105 is an elastomer-modified mineral filled Polypropylene for automotive interior applications. This material has been designed to combine a good performance profile with good processing and esthetical properties. SABIC® PPcompound 9105 is a designated automotive grade. IMDS ID: 612551305

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	18	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1370	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	1450	MPa	ISO 178
Izod notched impact strength	5	kJ/m ²	ISO 180/1A

Other properties	Value	Unit	Test Standard
Density	930	kg/m ³	ISO 1183