

Product Texts

SABIC® PPcompound 8536B is an elastomer-modified mineral filled Polypropylene for painted automotive exterior applications. This material has been designed to combine a good performance profile with good processing. SABIC® PPcompound 8536B is a designated automotive grade. IMDS ID: 459467538

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	1350	MPa	ISO 527
Yield stress	18.5	MPa	ISO 527
Stress at break	13.5	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1550	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, 0.45 MPa	95	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	990	kg/m ³	ISO 1183