

Product Texts

SABIC® PPcompound 8250U is a mineral filled modified polypropylene for use in Automotive exterior unpainted applications. This material has been designed to combine good mechanical performance in combination with excellent esthetical performance. SABIC® PPcompound 8250U is a designated automotive grade. IMDS ID: 527266582

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	1200	MPa	ISO 527
Yield stress	16	MPa	ISO 527
Stress at break	12	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1300	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	52	°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	970	kg/m ³	ISO 1183