

Product Texts

SABIC® PPcompound 8710U is a development grade, it is an elastomer-modified mineral filled Polypropylene for esthetic automotive exterior applications. This material has been designed to combine a good performance profile with good processing and excellent scratch performance. SABIC® PPcompound 8710U is a designated automotive grade. IMDS ID: 229128275

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	30	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2100	MPa	ISO 527
Yield stress	19	MPa	ISO 527
Stress at break	14	MPa	ISO 527
Strain at break	30	%	ISO 527
Flexural modulus, 23°C	2000	MPa	ISO 178
Charpy notched impact strength, +23°C	35	kJ/m ²	ISO 179/1eA
Izod notched impact strength	4	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	115	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1020	kg/m ³	ISO 1183