

SABIC® PPcompound 8650U

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Saudi Basic Industries Corporation (SABIC)

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	25	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1500	MPa	ISO 527
Yield stress	18	MPa	ISO 527
Stress at break	15	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1550	MPa	ISO 178
Izod notched impact strength	8	kJ/m ²	ISO 180/1A

Other properties	Value	Unit	Test Standard
Density	970	kg/m ³	ISO 1183