

SABIC® PPcompound 7175U

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Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound 7175U is an elastomer-modified mineral filled Polypropylene for automotive exterior applications. The material is UV stabilized. SABIC® PPcompound 7175U is a designated automotive grade. IMDS ID: 455644223

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	17	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	19.5	MPa	ISO 527
Stress at break	13.5	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1400	MPa	ISO 178
Izod notched impact strength	5.5	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	100	°C	ISO 75-1/-2

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

Characteristics**Special Characteristics**

U.V. stabilized or stable to weather