

SABIC® PPcompound 8750U

PP

Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound 8750U is an elastomer-modified mineral filled Polypropylene for unpainted automotive exterior applications. The grade is UV stabilized and has been designed to combine a good performance profile with good processing. SABIC® PPcompound 8750U is a designated automotive grade. IMDS ID: 445154355

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	18	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1550	MPa	ISO 527
Yield stress	20	MPa	ISO 527
Stress at break	13.5	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1750	MPa	ISO 178
Izod notched impact strength	7	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	105	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1010	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

U.V. stabilized or stable to weather