

SABIC® PPcompound 7575

PP

Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound 7575 is a modified mineral filled Polypropylene for fully painted automotive exterior applications. This material combines good flow, good stiffness with a high impact and an excellent elongation at break. SABIC®PPcompound 7575 is a designated automotive grade. IMDS ID: 156562467

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1400	MPa	ISO 527
Yield stress	18	MPa	ISO 527
Stress at break	14	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1400	MPa	ISO 178
Charpy notched impact strength, +23°C	N	kJ/m ²	ISO 179/1eA
Izod notched impact strength	10	kJ/m ²	ISO 180/1A
Shore D hardness	60	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	100	°C	ISO 75-1/-2
Vicat softening temperature, A	125	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1040	kg/m ³	ISO 1183