

SABIC® PPcompound 7693

PP

Saudi Basic Industries Corporation (SABIC)

Product Texts

SABIC® PPcompound 7693 is a very high flow mineral filled modified polypropylene. Material properties include very high flow, high stiffness and a good impact resistance. Typical applications include automotive exterior parts such as bumpers, bumper strips and exterior trim. It can be used in painted and unpainted applications with UV stabilization added on demand. SABIC® PPcompound 7693 is a designated automotive grade. IMDS ID: 70133104

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	1450	MPa	ISO 527
Yield stress	22	MPa	ISO 527
Stress at break	16	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	6	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	110	°C	ISO 75-1/-2
Vicat softening temperature, A	135	°C	ISO 306

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

Characteristics**Special Characteristics**

U.V. stabilized or stable to weather