

Product Texts

SABIC® PPcompound 7632 is a mineral filled modified polypropylene. Typical material properties include a very high flow and an excellent balance between impact and stiffness with the added advantage of a low shrinkage and CLTE. Typical applications include large and complex automotive exterior parts such as bumpers. SABIC® PPcompound 7632 is a designated automotive grade. IMDS ID: 63606903

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	1350	MPa	ISO 527
Yield stress	19	MPa	ISO 527
Stress at break	17	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1200	MPa	ISO 178
Charpy notched impact strength, +23°C	N	kJ/m ²	ISO 179/1eA
Izod notched impact strength	8	kJ/m ²	ISO 180/1A
Shore D hardness	63	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	95	°C	ISO 75-1/-2
Vicat softening temperature, A	115	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1000	kg/m ³	ISO 1183