

Product Texts

SABIC® PPcompound 2500/4 is a mineral filled modified polypropylene. Typical material properties include high flow, very high impact, good stiffness, low shrinkage and CLTE. Typical applications of this grade are in automotive exterior such as automotive bumpers. It can be used in painted and unpainted applications with UV stabilization added on demand. SABIC® PPcompound 2500/4 is a designated automotive grade. IMDS ID: 16485974

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	13	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1050	MPa	ISO 527
Yield stress	20	MPa	ISO 527
Stress at break	21	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1100	MPa	ISO 178
Charpy notched impact strength, +23°C	N	kJ/m ²	ISO 179/1eA
Izod notched impact strength	N	kJ/m ²	ISO 180/1A
Shore D hardness	62	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	90	°C	ISO 75-1/-2
Vicat softening temperature, A	125	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	960	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

U.V. stabilized or stable to weather