

Product Texts

SABIC® PPcompound 2550/4 is a mineral filled modified polypropylene. Typical material properties include good flow, high impact, good stiffness, low gloss and low CLTE. Typical application of this material includes automotive exterior parts such as trims and bumpers with large unpainted areas. It can be used in painted and unpainted applications with UV stabilization added on demand. SABIC® PPcompound 2550/4 is a designated automotive grade. IMDS ID: 16485341

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	1100	MPa	ISO 527
Yield stress	16	MPa	ISO 527
Stress at break	13	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	60	-	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	120	°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