

Product Texts

SABIC® PPcompound MB7450 is a mineral filled modified polypropylene. The intended use of this material is in molding it in 1 to 1 ratio with SABIC® PP 90910 and as such not designed for sole use in applications. Using the material in the intended way will result in a molded part with a material with a property profile like SABIC® PPcompound 7450. SABIC® PPcompound MB7450 is a designated automotive grade. IMDS ID: 78695235

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	25	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1250	MPa	ISO 527
Yield stress	18	MPa	ISO 527
Stress at break	18	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	1300	MPa	ISO 178
Izod notched impact strength	10	kJ/m ²	ISO 180/1A
Shore D hardness	60	-	ISO 7619-1

Other properties	Value	Unit	Test Standard
Density	1100	kg/m ³	ISO 1183