

SABIC[®] PPCOMPOUND 8750MB2

PP COMPOUND MINERAL FILLED IMPACT MODIFIED

DESCRIPTION

SABIC[®] PPcompound 8750MB2 is an elastomer-modified Polypropylene for painted automotive exterior applications. When mixed together with 8750MB1 (in ration 60/40) the property profile of SABIC PPC 8750 (see datasheet 8750U) will be reached.

SABIC[®] PPcompound 8750MB2 is a designated automotive grade.

IMDS ID: 80775790

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt flow rate (MFR)			
at 230 °C and 2.16 kg	23	dg/min	ISO 1133
Density ⁽¹⁾	905	kg/m ³	ISO 1183
Mould shrinkage ⁽²⁾			
24 hours after injection moulding	-	%	SABIC method
MECHANICAL PROPERTIES ⁽¹⁾			
Tensile			
Tensile modulus	-	MPa	ISO 527/1A
stress at yield	-	MPa	ISO 527/1A
stress at break	-	MPa	ISO 527/1A
strain at break	-	%	ISO 527/1A
Flexural test			
Flexural modulus	800	MPa	ISO 178/1A
Izod impact notched ⁽³⁾			
at 23 °C	5	kJ/m ²	ISO 180/1A
at 0 °C	-	kJ/m ²	ISO 180/1A
at -20 °C	-	kJ/m ²	ISO 180/1A
THERMAL PROPERTIES ⁽¹⁾			
Heat deflection temperature			
at 1.80 MPa (HDT/A)	-	°C	ISO 75
Coeff. of linear thermal expansion			
-30 °C to 100 °C	-	µm/mK	ISO 11359-2

(1) Injection molded sample ISO527-1A

(2) Injection molded plaque 65x65x3.2 mm

(3) N.B.: No Break

