

# 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
<b>POLYMER PROPERTIES</b>			
Melt flow rate (MFR)			
at 230 °C and 2.16 kg	23	dg/min	ISO 1133
Density <sup>(1)</sup>	905	kg/m <sup>3</sup>	ISO 1183
Mould shrinkage <sup>(2)</sup>		%	SABIC method
24 hours after injection moulding	-	%	
<b>MECHANICAL PROPERTIES <sup>(1)</sup></b>			
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 <sup>(3)</sup>			
at 23 °C	5	kJ/m <sup>2</sup>	ISO 180/1A
at 0 °C	-	kJ/m <sup>2</sup>	ISO 180/1A
at -20 °C	-	kJ/m <sup>2</sup>	ISO 180/1A
<b>THERMAL PROPERTIES <sup>(1)</sup></b>			
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

## QUALITY

SABIC is fully certified in accordance with the internationally accepted quality standard ISO9001.



## STORAGE AND HANDLING

Avoid prolonged storage in open sunlight, high temperatures (<50 °C) and/or high humidity as this could well speed up alteration and consequently loss of quality of the material and/or its packaging. Keep material completely dry for good processing.

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