



# SABIC<sup>®</sup> PPCOMPOUND 2632

PP COMPOUND MINERAL FILLED

## DESCRIPTION

SABIC<sup>®</sup> PPcompound 2632 is a talc-filled elastomer-modified Polypropylene. The high stiffness and good impact resistance make it suited for bumpers and exterior trim. It can be used in painted and unpainted applications with UV stabilization added on demand.

SABIC<sup>®</sup> PPcompound 2632 is a designated automotive grade.

IMDS ID: 16486951

## TYPICAL PROPERTY VALUES

Revision 20181012

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate</b>			
at 230 °C and 2.16 kg	6.5	dg/min	ISO 1133
<b>Density</b> <sup>(1)</sup>	1030	kg/m <sup>3</sup>	ISO 1183
<b>Mould shrinkage</b> <sup>(2)</sup>			
24 hours after injection moulding	0.8	%	SABIC method
<b>MECHANICAL PROPERTIES</b> <sup>(1)</sup>			
<b>Tensile test</b>			
Tensile modulus	1350	MPa	ISO 527/1A
stress at yield	17	MPa	ISO 527/1A
stress at break	14	MPa	ISO 527/1A
strain at break	100	%	ISO 527/1A
<b>Flexural test</b>			
Flexural modulus	1400	MPa	ISO 178/1A
<b>Izod impact notched</b> <sup>(3)</sup>			
at 23 °C	N.B.	kJ/m <sup>2</sup>	ISO 180/1A
at 0 °C	N.B.	kJ/m <sup>2</sup>	ISO 180/1A
at -20 °C	25	kJ/m <sup>2</sup>	ISO 180/1A
<b>THERMAL PROPERTIES</b> <sup>(1)</sup>			
<b>Heat deflection temperature</b>			
at 0.45 MPa (HDT/B)	95	°C	ISO 75
<b>Coeff. of linear thermal expansion</b>			
-30 °C to 100 °C	75	µm/mK	ISO 11359-2

(1) Injection molded sample ISO527-1A

(2) Injection molded plaque 65x65x3.2mm

(3) N.B.: No Break

## QUALITY

SABIC is fully certified in accordance with the internationally accepted quality standard ISO 9001.



## 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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