

SABIC® PPCOMPOUND 2632

PP COMPOUND MINERAL FILLED

DESCRIPTION

SABIC® 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® PPcompound 2632 is a designated automotive grade.

IMDS ID: 16486951

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
at 230 °C and 2.16 kg	6.5	dg/min	ISO 1133
Density ⁽¹⁾	1030	kg/m³	ISO 1183
Mould shrinkage ⁽²⁾			
24 hours after injection moulding	0.8	%	SABIC method
MECHANICAL PROPERTIES ⁽¹⁾			
Tensile test			
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
Flexural test			
Flexural modulus	1400	MPa	ISO 178/1A
Izod impact notched ⁽³⁾			
at 23 °C	N.B.	kJ/m²	ISO 180/1A
at 0 °C	N.B.	kJ/m²	ISO 180/1A
at -20 °C	25	kJ/m²	ISO 180/1A
THERMAL PROPERTIES ⁽¹⁾			
Heat deflection temperature			
at 0.45 MPa (HDT/B)	95	°C	ISO 75
Coeff. of linear thermal expansion			
-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

