

SABIC® PPCOMPOUND 8617

PP COMPOUND MINERAL FILLED IMPACT MODIFIED

DESCRIPTION

SABIC® PPcompound 8617 is an elastomer-modified mineral filled Polypropylene for automotive exterior applications. This grade has been designed to combine an excellent performance profile with light weight, high flow, good impact and good stiffness.

SABIC® PPcompound 8617 is a designated automotive grade.

IMDS ID: 1047414357

TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
At 230 °C and 2.16 kg	25	dg/min	ISO 1133
Density ⁽¹⁾	980	kg/m ³	ISO 1183
Filler content	12.5	%	SABIC method
Mould shrinkage ⁽²⁾			
24 hours after injection moulding	0.75	%	SABIC method
MECHANICAL PROPERTIES ⁽¹⁾			
Tensile test			
Stress at yield	20	MPa	ISO 527/1A
Stress at break	15	MPa	ISO 527/1A
Flexural test			
Flexural modulus	1700	MPa	ISO 178/1A
Izod impact notched ⁽³⁾			
At 23 °C	50	kJ/m ²	ISO 180/1A
THERMAL PROPERTIES ⁽¹⁾			
Heat deflection temperature			
At 1.80 MPa (HDT/A)	56	°C	ISO 75

(1) Injection molded sample ISO527-1A

(2) Injection molded plaque 65x65x3.2mm

(3) N.B.: No Break

