

SABIC[®] PPCOMPOUND 3320EH

PP COMPOUND MINERAL FILLED

DESCRIPTION

SABIC[®] PPcompound 3320EH is a high flow talcum filled Polypropylene. The stiffness, low emission and heat aging performance make it suited for use in applications at elevated temperatures and emission requirements.

SABIC[®] PPcompound 3320EH is a designated automotive grade.

IMDS ID: 136529742

TYPICAL PROPERTY VALUES

Revision 20181012

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt flow rate (MFR)			
at 230 °C and 2.16 kg	20	dg/min	ISO 1133
Density ⁽¹⁾	1040	kg/m ³	ISO 1183
Filler content	20	%	SABIC method
Mould shrinkage ⁽²⁾			
24 hours after injection moulding	1.1	%	SABIC method
MECHANICAL PROPERTIES ⁽¹⁾			
Tensile test			
Tensile modulus	2550	MPa	ISO 527/1A
stress at yield	30	MPa	ISO 527/1A
stress at break	25	MPa	ISO 527/1A
strain at break	15	%	ISO 527/1A
Flexural test			
Flexural modulus	2600	MPa	ISO 178/1A
Izod impact notched ⁽³⁾			
at 23 °C	2.7	kJ/m ²	ISO 180/1A
at 0 °C	2.2	kJ/m ²	ISO 180/1A
at -20 °C	-	kJ/m ²	ISO 180/1A
THERMAL PROPERTIES ⁽¹⁾			
Heat deflection temperature			
at 0.45 MPa (HDT/B)	120	°C	ISO 75
Coeff. of linear thermal expansion			
-30 °C to 100 °C	70	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 ($<50\text{ }^{\circ}\text{C}$) 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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