



SABIC® PPCOMPOUND 1324H

PP COMPOUND MINERAL FILLED IMPACT MODIFIED

DESCRIPTION

SABIC® PPcompound 1324H is a 40% mineral filled polypropylene compound with good flow and high heat stabilization for consumer goods applications.

TYPICAL PROPERTY VALUES

Revision 20221128

| PROPERTIES | TYPICAL VALUES | UNITS | TEST METHODS |
|---|----------------|-------------------|--------------|
| POLYMER PROPERTIES | | | |
| Melt Flow Rate (MFR) | | | |
| At 230 °C and 2.16 kg | 15 | dg/min | ISO 1133 |
| Density ⁽¹⁾ | 1230 | kg/m ³ | ISO 1183 |
| Filler content | 40 | % | SABIC method |
| Mould shrinkage ⁽²⁾ | | | |
| 24 hours after injection moulding | 1.0 | % | SABIC method |
| MECHANICAL PROPERTIES ⁽¹⁾ | | | |
| Tensile test | | | |
| Tensile modulus | 4000 | MPa | ISO 527 / 1A |
| Stress at yield | 30 | MPa | ISO 527 / 1A |
| Stress at break | 27 | MPa | ISO 527 / 1A |
| Strain at break | 5 | % | ISO 527 / 1A |
| Flexural test | | | |
| Flexural modulus | 3600 | MPa | ISO 178 / 1A |
| Izod impact notched ⁽³⁾ | | | |
| At 23 °C | 3.0 | kJ/m ² | ISO 180 / 1A |
| At 0 °C | 2.0 | kJ/m ² | ISO 180 / 1A |
| At -20 °C | 1.5 | kJ/m ² | ISO 180 / 1A |

(1) Injection molded sample ISO527-1A

(2) Injection molded plaque 65x65x3.2mm

(3) N.B.: No Break

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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