

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

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

