

SABIC® PP PHC60

PP IMPACT COPOLYMER - PROVISIONAL DATASHEET

DESCRIPTION

SABIC® PP PHC60 is an impact copolymer PP developed for Thin Wall Packaging applications where higher impact performance is needed, especially for low temperature applications like frozen food.

Health, Safety and Food Contact regulation: Material Safety Data Sheets (MSDS) and Product Safety declarations are available under request.

The product mentioned herein is in particular not tested and therefore not validated for use in pharmaceutical / medical applications.

TYPICAL PROPERTY VALUES

Revision 20240202

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
at 230 °C and 2.16 kg	60	dg/min	ISO 1133
Density	905	kg/m ³	ASTM D1505
FORMULATION			
Anti static agent	<input checked="" type="checkbox"/>	-	-
Nucleating agent	<input checked="" type="checkbox"/>	-	-
MECHANICAL PROPERTIES			
Tensile test			
tensile modulus ⁽¹⁾	1150	MPa	ISO 527-2 1A
Izod impact notched			
at -20 °C	6	kJ/m ²	ISO 180/1A
at 23 °C	9	kJ/m ²	ISO 180/1A

(1) Speed of testing: 1 mm/min

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.

DISCLAIMER

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