

SABIC® PP 212MN12

PP IMPACT COPOLYMER - PROVISIONAL DATASHEET
REGION EUROPE

DESCRIPTION

SABIC® PP 212MN12 is a general purpose impact copolymer grade with good flow properties, combining stiffness and good balance in impact strength.

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

TYPICAL PROPERTY VALUES

Revision 20220107

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
at 230 °C and 2.16 kg	40	dg/min	ISO 1133
Density	905	kg/m ³	ASTM D1505
MECHANICAL PROPERTIES			
Tensile test			
tensile modulus ⁽¹⁾	1250	MPa	ISO 527-2 1A
Izod impact notched			
at 0 °C	5.5	kJ/m ²	ISO 180/1A
at 23 °C	7	kJ/m ²	ISO 180/1A
Charpy Impact Strength Notched			
at 23 °C	10	kJ/m ²	ISO 179/1eA
at 0 °C	6	kJ/m ²	ISO 179/1eA

(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

Any sale by SABIC, its subsidiaries and affiliates (each a "seller"), is made exclusively under seller's standard conditions of sale (available upon request) unless agreed otherwise in writing and signed on behalf of the seller. While the information contained herein is given in good faith, SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND NON-INFRINGEMENT OF INTELLECTUAL PROPERTY, NOR ASSUMES ANY LIABILITY, DIRECT OR INDIRECT, WITH RESPECT TO THE PERFORMANCE, SUITABILITY OR FITNESS FOR INTENDED USE OR PURPOSE OF THESE PRODUCTS IN ANY APPLICATION. Each customer must determine the suitability of seller materials for the customer's particular use through appropriate testing and analysis. No statement by seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right.