



SABIC[®] PP 514M12

POLYPROPYLENE HOMOPOLYMER - PROVISIONAL DATASHEET

DESCRIPTION

SABIC[®] PP 514M12 is a Polypropylene homopolymer grade with high Melt Flow (final Melt Flow >1000 g/10 min) for Melt Blown Nonwoven.

SABIC[®] PP 514M12 encompasses the following features:

- Very high final Melt Flow >1000 g/10 min
- Very narrow molecular weight distribution (MWD)
- This product contains no peroxides.
- Available in a pelletized form
- Offers very good processability for melt-blown fibers with high levels of drawability, spinnability and uniformity.

TYPICAL PROPERTY VALUES

Revision 20190127

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Density at 23°C	905	kg/m ³	ASTM D1505
Final Melt Flow Rate @ 230C°/2.16kg ⁽¹⁾	1200	g/10 min	SABIC method
Melt Temperature (DSC)	158 – 160	°C	ASTM D3418

(1) Melt Flow Rate of Melt blown fabric processed at 275-295°C

PROPERTY REMARKS

The Typical Values should not to be considered as specification limits.

APPLICATIONS

SABIC[®] PP 514M12 is a melt blown fiber grade which can be a great candidate for a wide range of potential end-use products, from diapers, sanitary napkins and other hygiene applications.

PROCESSING CONDITIONS

Barrel temperature range: 240 - 295°C

HEALTH, SAFETY AND FOOD CONTACT REGULATIONS

DISCLAIMER: This product is not intended for and must not be used in any pharmaceutical or medical applications.

STORAGE AND HANDLING

Polypropylene resin should be stored in a manner to prevent direct exposure to sunlight and/or heat. The storage area should also be dry and preferably not to exceed 50°C. SABIC would not give warranty to bad storage conditions, which may lead to quality deterioration such as color change, bad smell and inadequate product performance. It is advisable to process PP resin within 6 months after delivery.



DISCLAIMER

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