

SABIC® PP 514M14

POLYPROPYLENE HOMOPOLYMER

DESCRIPTION

SABIC PP 514M14 is a polypropylene homopolymer resin with controllable viscosity typically used by our customers in meltblown nonwoven applications.

SABIC PP 514M14 allows for a melt flow as high as 1400 g/10min with a narrow molecular weight distribution, using typical processing conditions.

TYPICAL APPLICATIONS

SABIC® PP 514M14 is a meltblown fiber grade that is commonly used for a wide range of potential end-use products, ranging from diapers, sanitary napkins to other hygiene and filtration applications.

TYPICAL PROPERTY VALUES

Revision 20230725

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES ⁽¹⁾			
Melt Flow Rate (MFR)			
Melt Flow Rate @ 230°C/2.16 kg	40	g/10 min	ASTM D1238
Melt Flow Rate of nonwoven @230°C / 2.16 kg ⁽²⁾	1400	g/10 min	ASTM D1238
Density at 23°C	905	kg/m ³	ASTM D1505
Melt Temperature (DSC)	158 – 160	°C	ASTM D3418

(1) Typical values; not to be considered as specification limits.

(2) Nonwoven prepared under specific meltblown processing conditions

PROCESSING CONDITIONS

Typical barrel temperature profile: 190 / 240 / 295 / 295 / 295 / 295°C. For more details, please contact your local sales office directly.

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. SABIC does not give warranty to bad storage conditions which may lead to quality deterioration such as color change, bad smell and inadequate product performance.

DISCLAIMER

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