

SABIC® PP 519AF

POLYPROPYLENE HOMOPOLYMER
REGION ASIA

DESCRIPTION

SABIC® PP 519AF is a high fluidity polypropylene homopolymer with narrow molecular distribution. It is specifically designed to enable optimized production speed of very fine filament resulting in an excellent balance of mechanical properties and softness.

TYPICAL APPLICATIONS

SABIC® PP 519AF can be used for spunbond nonwoven fabric in diaper, filters & hygienic products.

TYPICAL PROPERTY VALUES

Revision 20210707

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
@230°C&2.16kg	35	g/10 min	ISO 1133
Density			
@23°C	905	kg/m³	ISO 1183
MECHANICAL PROPERTIES			
Tensile strength			
@Yield	35	MPa	ISO 527-2
Flexural Modulus			
(1% Secant)	1450	MPa	ISO 178
Izod impact notched			
@23°C	3	kJ/m²	ISO 180

STORAGE AND HANDLING

Polypropylene resin should be stored in a manner to prevent a direct exposure to sunlight and/or heat. The storage area should also be dry and preferably do not 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.

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