

SABIC® PP 501SF

POLYPROPYLENE HOMOPOLYMER
REGION ASIA

DESCRIPTION

SABIC® PP 501SF is a low fluidity polypropylene homopolymer with consistent processability, easy orientation, and good mechanical properties.

TYPICAL APPLICATIONS

SABIC® PP 501SF can be used for producing woven bags, flexible intermediate bulk containers, ropes & twines, carpet backing, geotextiles and concrete reinforcement.

TYPICAL PROPERTY VALUES

Revision 20250616

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
@230°C&2.16kg	3.4	g/10 min	ISO 1133
Density			
@23°C	905	kg/m³	ISO 1183
MECHANICAL PROPERTIES ⁽¹⁾			
Tensile strength			
@Yield	34	MPa	ISO 527-2
@Break	39	MPa	ISO 527-2
Tensile Elongation			
@Break	590	%	ISO 527-2

(1) Based on injection molded specimens.

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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