



# SABIC<sup>®</sup> PP 513A

PP HOMOPOLYMER

## DESCRIPTION

SABIC<sup>®</sup> PP 513A is a fibre grade with an anti gas fading stabiliser package. Application: SABIC<sup>®</sup> PP 513A is typically used by our customer for extrusion of staple fibres used in geo-textile applications with an optimum balance of tenacity/elongation. Health, Safety and Food Contact regulations: Material Safety Data Sheets (MSDS) and Product Safety declarations are available on our Internet site <http://www.SABIC.com>. The product mentioned herein is in particular not tested and therefore not validated for use in pharmaceutical/ medical applications. This grade material is UL registered under File E111275 ([www.ul.com](http://www.ul.com)) IMDS 7172624

## TYPICAL PROPERTY VALUES

Revision 20190507

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate</b>			
at 230 °C and 2.16 kg	6.0	dg/min	ISO 1133
<b>Density</b>	905	kg/m <sup>3</sup>	ASTM D1505
<b>Molecular Weight Distribution</b>	Broad	-	-
<b>Isotacticity</b>	Medium	-	-
<b>FORMULATION</b>			
<b>Gas fading stabilized</b>	<input checked="" type="checkbox"/>	-	SABIC method
<b>MECHANICAL PROPERTIES</b>			
<b>Tensile test</b>			
strain at yield <sup>(1)</sup>	8	%	ISO 527-2 1A
tensile modulus <sup>(2)</sup>	1700	MPa	ISO 527-2 1A
stress at yield	37	MPa	ISO 527-2 1A

(1) Speed of testing: 50 mm/min

(2) Speed of testing: 1 mm/min

## QUALITY

SABIC is fully certified in accordance with the internationally accepted quality standard ISO9001.

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