

# SABIC® PP 510A

PP HOMOPOLYMER

## DESCRIPTION

SABIC® PP 510A is a fibre grade with an anti gas fading stabilisation package. SABIC® PP 510A is typically used by our customers for e.g. wipes and industrial carpets but also for geotextiles with a moderate tenacity. Application: SABIC® PP 510A is typically used by our customers for spinning of coarse staple fibres (both short and long spin), carpet fibres and yarns. 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)) IMLS 7172624

## TYPICAL PROPERTY VALUES

Revision 20210702

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate (MFR)</b>			
at 230 °C and 2.16 kg	10.5	dg/min	ISO 1133
<b>Density</b>	905	kg/m³	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>			
tensile modulus <sup>(1)</sup>	1700	MPa	ISO 527-2 1A
strain at yield	9	%	ISO 527-2 1A
stress at yield <sup>(2)</sup>	36	MPa	ISO 527-2 1A

(1) Speed of testing: 1 mm/min

(2) Speed of testing: 50 mm/min

## 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.

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