

# SABIC® PP 513A

Polypropylene Homopolymer  
Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® PP 513A is a fibre grade with an anti gas fading stabiliser package.  
SABIC® PP 513A is suitable for extrusion of staple fibres used in geo-textile applications with an optimum balance of tenacity/elongation.  
The product mentioned herein is in particular not tested and therefore not validated for use in pharmaceutical/medical applications.

General Information			
UL YellowCard	E111275-306883		
Additive	Anti-gas fading		
Features	Gas-fading Resistant		
	Homopolymer		
	Medium Isotactic		
	Wide Molecular Weight Distribution		
Uses	Filaments		
	Staple Fibers		
	Tape		
	Textile Applications		
UL File Number	E111275		
Forms	Pellets		
Processing Method	Extrusion		
	Fiber (Spinning) Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.905	g/cm <sup>3</sup>	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus			
1% Secant <sup>1</sup>	1800	MPa	ASTM D638
--	1700	MPa	ISO 527-2/1A/1
Tensile Strength			
Yield <sup>2</sup>	37.0	MPa	ASTM D638
Yield	37.0	MPa	ISO 527-2/1A/50
Tensile Elongation			
Yield <sup>3</sup>	8.0	%	ASTM D638
Yield	8.0	%	ISO 527-2/1A/50
NOTE			

1.	1.0 mm/min
2.	50 mm/min
3.	50 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

