

# SABIC® PP 522L

Polypropylene Homopolymer  
Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® PP 522L is particularly designed for extrusion of cast film, both mono layer films and co extruded films. It provides an excellent combination of transparency, stiffness and high heat resistance. It contains a slip agent and anti block additive package. SABIC® PP 522L is the formulated version of SABIC® PP 520P.

SABIC® PP 522L is typically used for food packaging, lamination film, stationary film, textile packaging, flower packaging, and hygiene packaging. The product mentioned herein is in particular not tested and therefore not validated for use in pharmaceutical/medical applications.

General Information			
UL YellowCard	E111275-306884		
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	High Clarity		
	High Heat Resistance		
	High Stiffness		
	Homopolymer		
	Medium Isotactic		
	Slip		
Uses	Wide Molecular Weight Distribution		
	Cast Film		
	Film		
	Food Packaging		
	Laminates		
	Packaging		
	Stationary Supplies		
UL File Number	E111275		
Forms	Pellets		
Processing Method	Cast Film		
	Coextrusion		
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)	11	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>	36.0	MPa	ASTM D638
Yield	36.0	MPa	ISO 527-2/1A/50
Tensile Elongation			
Yield <sup>3</sup>	9.0	%	ASTM D638
Yield	9.0	%	ISO 527-2/1A/50
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	154	°C	ASTM D1525, ISO 306/A120 5 <sup>4</sup>
--	95.0	°C	ASTM D1525, ISO 306/B120 6 <sup>5</sup>
NOTE			
1.	1.0 mm/min		
2.	50 mm/min		
3.	50 mm/min		
4.	Rate B (120°C/h), Loading 1 (10 N)		
5.	Rate B (120°C/h), Loading 2 (50 N)		

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

