

# PRIMALENE WPP532

Low Density Polyethylene

Southern Polymer, Inc.

Message:

A 9.5 melt index low density polyethylene

Applications:

Caps and closures

Color concentrates

Food packaging containers

Housewares

Compounding

Features:

Outstanding balance of processability and end use performance

Flow properties ensure uniform dispersions of additives

General Information			
Features	Low Density		
Uses	Caps		
	Closures		
	Color Concentrates		
	Compounding		
	Food Containers		
	Food Packaging		
	Household Goods		
Processing Method	Compounding		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm <sup>3</sup>	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	9.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	42		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield <sup>1</sup>	11.0	MPa	
Break	7.86	MPa	
Tensile Elongation			ASTM D638
Yield	33	%	
Break <sup>2</sup>	200	%	
Flexural Modulus - 1% Secant	234	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	86.1	°C	ASTM D1525
Peak Melting Temperature	110	°C	ASTM D3418

## NOTE

- |    |           |
|----|-----------|
| 1. | 51 mm/min |
| 2. | 51 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

