

PRIMALENE WPP531

Low Density Polyethylene

Southern Polymer, Inc.

Message:

An injection molding grade low density polyethylene

Applications:

Housewares

Tamper evident, snap-on caps

Wine bottle sleeve caps

Features:

Excellent flexibility

Good flow

Moderate flow release

Good warpage resistance

FDA 21 CFR 177.1520

General Information			
Features	Good Flexibility		
	Good Flow		
	Low Density		
	Low Warpage		
Uses	Caps		
	Household Goods		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.917	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	47		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	8.96	MPa	ASTM D638
Tensile Elongation ² (Break)	600	%	ASTM D638
Flexural Modulus - Tangent	207	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-87.2	°C	ASTM D746
Vicat Softening Temperature	87.2	°C	ASTM D1525
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

