

PRIMALENE WPP771

High Density Polyethylene

Southern Polymer, Inc.

Message:

A 40 melt index high density polyethylene

Applications:

Thin wall food containers

Toys

Features:

Easy mold flow

Moderate impact strength

Good stiffness

FDA 21 CFR 177.1520 (c) 3.2a

General Information			
Features	Food Contact Acceptable		
	Good Flow		
	Good Impact Resistance		
	Good Stiffness		
	High Density		
Uses	Food Containers		
	Food Service Applications		
	Non-specific Food Applications		
	Thin-walled Containers		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	40	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal, F50)	< 10.0	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	23.9	MPa	ASTM D638
Tensile Elongation ² (Break)	< 100	%	ASTM D638
Flexural Modulus - Tangent ³	979	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -75.0	°C	ASTM D746
Vicat Softening Temperature	115	°C	ASTM D1525
NOTE			
1.	51 mm/min		

2.	51 mm/min
3.	13 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

