

# Premier LH02042 - B

Medium Density Polyethylene

Premier Polymers, LLC.

## Message:

Premier LH02042 is a hexene medium density polyethylene cast film grade that can be intended for applications requiring strength and stiffness, with good tensile and dart properties. Meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles intended for direct food contact.

General Information			
Features	Food Contact Acceptable		
	Good Stiffness		
	Good Strength		
	High Tensile Strength		
	Medium Density		
Uses	Film		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.942	g/cm <sup>3</sup>	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
MD	379	MPa	
TD	414	MPa	
Tensile Strength			ASTM D882
MD : Yield	13.8	MPa	
TD : Yield	17.2	MPa	
MD : Break	68.9	MPa	
TD : Break	41.4	MPa	
Tensile Elongation			ASTM D882
MD : Break	550	%	
TD : Break	850	%	
Dart Drop Impact	< 50	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	20	g	
TD	350	g	
Optical	Nominal Value	Unit	Test Method
Haze	2.9	%	ASTM D1003

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

