

Halene L 71602S

Linear Low Density Polyethylene

Haldia Petrochemicals Ltd.

Message:

71602S is a LLDPE blown film grade produced by Spherilene Technology.
This grade can be used in General Purpose Packaging Film Application.
The precise morphological control achieved during polymerization confers excellent processability and mechanical strengths.
71602S is additivated with slip and antiblocking agent for good openability and slip properties.

General Information			
Additive	Anti-caking agent		
	slip agent		
Features	smoothness		
	Anti-caking property		
	Workability, good		
	Good strength		
Uses	Packaging		
	Films		
	General		
Forms	Particle		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	
Tensile Strength ²			ASTM D882
MD: Yield, 25 µm, blown film	12.0	MPa	ASTM D882
TD: Yield, 25 µm, blown film	11.0	MPa	ASTM D882
MD: Broken, 25 µm, blown film	28.0	MPa	ASTM D882
TD: Broken, 25 µm, blown film	20.0	MPa	ASTM D882
Tensile Elongation ³			ASTM D882
MD: Broken, 25 µm, blown film	500	%	ASTM D882
TD: Broken, 25 µm, blown film	750	%	ASTM D882
Dart Drop Impact ⁴ (25 µm, Blown Film)	75	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD: 25 µm, blown film	60	g	ASTM D1922

TD: 25 µm, blown film	300	g	ASTM D1922
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	170 - 200	°C	
Cylinder Zone 2 Temp.	170 - 200	°C	
Cylinder Zone 3 Temp.	170 - 200	°C	
Cylinder Zone 4 Temp.	170 - 200	°C	
Cylinder Zone 5 Temp.	170 - 200	°C	
Melt Temperature	190 - 200	°C	
Extrusion instructions			
Blow up Ratio: 2.0-3.0Die Gap: 2.0-2.5 mm			
NOTE			
1.	23°C		
2.	500 mm/min		
3.	500 mm/min		
4.	38 mm Dart, 66 cm Height		

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

