

Halene L 92001W

Linear Low Density Polyethylene

Haldia Petrochemicals Ltd.

Message:

92001W is a 1-Hexene LLDPE copolymer blown film grade produced by the Spherilene Technology.
This grade can be used in Adhesive Lamination Film Applications.
92001W is without Slip and Antiblocking additives.

General Information			
Features	Copolymer		
Uses	Films		
	Laminate		
	Adhesive		
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)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested ²	55	µm	
Tensile Strength ³			ASTM D882
MD: Yield, 55 µm	10.0	MPa	ASTM D882
TD: Yield, 55 µm	10.0	MPa	ASTM D882
MD: Break, 55 µm	31.0	MPa	ASTM D882
TD: Break, 55 µm	26.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Break, 55 µm	950	%	ASTM D882
TD: Break, 55 µm	1100	%	ASTM D882
Dart Drop Impact ⁴	280	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD : 55 µm	550	g	ASTM D1922
TD : 55 µm	800	g	ASTM D1922
Optical	Nominal Value		Test Method
Gloss (60°)	80		ASTM D2457
Additional Information			
Barrel Temperature: 180 - 200 °CBlow up Ratio: 2.0 - 3.0Die Gap: 2.0 - 2.5 mm			
Extrusion	Nominal Value	Unit	
Melt Temperature	190 - 210	°C	
NOTE			
1.	23°C		

2.	BUR - 2.5, Die Gap - 2.5 mm
3.	500 mm/min
4.	F50, 38 mm Dart, 66-cm. Height

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