Halene L 92001S

Linear Low Density Polyethylene

Haldia Petrochemicals Ltd.

Message:

92001S is a 1-Hexene LLDPE copolymer blown film grade produced by the Spherilene Technology.
This grade can be used in Multilayer Packaging Film Applications.
92001S is additivated with slip and antiblocking additives for excellent openability and slip properties.

General Information			
Additive	Anti-caking agent slip agent		
Features	Copolymer smoothness		
Uses	Packaging Films Multilayer film		
Processing Method	Blow film		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density [1]	0.920	g/cm³	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	

Recommended distributors for this material

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