

## TECHNICAL DATA SHEET

## 92001S

**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.

Property	Test Method	Unit	Value	
Melt Flow Index (2.16 kg, 190°C)	ASTM D 1238	g/10 min	1.0	
Density (23°C)	ASTM D 1505	g/cm <sup>3</sup>	0.920	
<b>FILM PROPERTY**</b>				
Tensile Strength at Yield	ASTM D 882  (500 mm/min)	MPa	MD	10
			TD	10
Tensile Strength at Break		MPa	MD	31
			TD	26
Elongation at Break		%	MD	950
			TD	1050
Elmendorf Tear Strength	ASTM D 1992	g	MD	550
			TD	800
Dart Impact Strength, F <sub>50</sub> (38 mm Dart, 66-cm. Height)	ASTM D 1709A	g	280	
Gloss at 60°	ASTM D 2457	GU	80	

### Suggested Processing Conditions

Barrel Temperature	°C	180 – 200
Melt Temperature	°C	190 – 210
Blow up Ratio	-	2.0 – 3.0
Die Gap	mm	2.0 – 2.5

\* Halene L is the registered trademark of Linear Low Density Polyethylene of HPL

\*\* Typical values with film of nominal thickness 55 µm. (BUR – 2.5, Die Gap – 2.5 mm)

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