

## 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 D1238	g/10 min	1.0
Density (23°C)	ASTM D1505	g/cm <sup>3</sup>	0.920
<b>Film Property **</b>			
Tensile Strength at Yield MD		MPa	10
Tensile Strength at Yield TD		MPa	10
Tensile Strength at Break MD	ASTM D882	MPa	31
Tensile Strength at Break TD	(500 mm/min)	MPa	26
Elongation at Break MD		%	950
Elongation at Break TD		%	1050
Elmendorf Tear Strength MD	ASTM D1992	g	550
Elmendorf Tear Strength TD		g	800
Dart Impact Strength, F <sub>50</sub> (38 mm Dart, 66 cm Height)	ASTM D1709A	g	280
Gloss at 60°	ASTM D2457	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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