

## TECHNICAL DATA SHEET

## 71602S

**71602S** is a LLDPE blown film grade produced by the Spherilene Technology

This grade can be used in General Purpose Packaging Film Application

The precise morphological control achieved during polymerization confers excellent processability & mechanical strengths

**71602S** is additized with slip & antiblocking agent for good openability & slip properties

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg, 190°C)	ASTM D1238	g/10 min	2.0
Density (23°C)	ASTM D1505	g/cm <sup>3</sup>	0.920
<b>Film Property **</b>			
Tensile Strength at Yield MD		MPa	11
Tensile Strength at Yield TD		MPa	10
Tensile Strength at Break MD	ASTM D882	MPa	19
Tensile Strength at Break TD	(500 mm/min)	MPa	14
Elongation at Break MD		%	700
Elongation at Break TD		%	750
Elmendorf Tear Strength MD	ASTM D1992	g	100
Elmendorf Tear Strength TD		g	300
Dart Impact Strength, F <sub>50</sub> (38 mm Dart, 66 cm Height)	ASTM D1709A	g/μm	3
<b>Suggested Processing Conditions</b>			
Barrel Temperature		°C	170 – 200
Melt Temperature		°C	190 – 200
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 25 μm film made with 2.5 mm die gap & BUR 2.5

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Compliance Certificates & MSDS are available on request.

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