

TECHNICAL DATA SHEET

71501S

71501S is a LLDPE blown film grade produced by the Spherilene Technology

This grade can be used in General Purpose Packaging Film Applications

71501S 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 ³	0.920
Film Property **			
Tensile Strength at Yield MD		MPa	10
Tensile Strength at Yield TD		MPa	10
Tensile Strength at Break MD	ASTM D882	MPa	25
Tensile Strength at Break TD	(500 mm/min)	MPa	16
Elongation at Break MD		%	650
Elongation at Break TD		%	750
Elmendorf Tear Strength MD	ASTM D1992	g	150
Elmendorf Tear Strength TD		g	400
Dart Impact Strength, F ₅₀ (38 mm Dart, 66 cm Height)	ASTM D1709A	g/μm	4.0
Gloss at 60°	ASTM D2457	GU	76
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 25 μm film made with 2.5 mm die gap & BUR 2.5

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