

**Halene - L 71501S**

(PE-LLD)

Haldia Petrochemicals

**Product Texts**

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.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	1	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melting Temperature	126	°C	ASTM D 3418

Optical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Gloss	76	-	ASTM D 2457

Other properties	Value	Unit	Test Standard
Density	922	kg/m <sup>3</sup>	ASTM D 792

Film Properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield, MD	10	MPa	ASTM D 882
Tensile Strength at Yield, TD	10	MPa	ASTM D 882
Tensile Strength at Break, MD	25	MPa	ASTM D 882
Tensile Strength at Break, TD	16	MPa	ASTM D 882
Elongation at Break, MD	650	%	ASTM D 882
Elongation at Break, TD	750	%	ASTM D 882
Type of extrusion	blown	-	-
Thickness of specimen	0.025	mm	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	190 - 210	°C	-
Zone 1	180 - 200	°C	-

**Characteristics****Processing**

Blown Film Extrusion, Film Extrusion

**Applications**

Packaging

**Additives**

Antiblocking agent

**Regional Availability**

Asia Pacific