HALDIA PETROCHEMICALS LTD

Halene – L*

TECHNICAL DATA SHEET 71601W

71601W is a LLDPE blown film grade produced by the Spherilene Technology with controlled morphology, excellent processability & mechanical properties

This grade can be used in General Purpose Adhesive Lamination film

71601W is without slip & antiblocking additives

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg, 190℃)	ASTM D1238	g/10 min	1.0
Density (23℃)	ASTM D1505	g/cm^3	0.916
Film Property **			
Tensile Strength at Yield MD	ASTM D882 (500 mm/min)	MPa	15
Tensile Strength at Yield TD		MPa	13
Tensile Strength at Break MD		MPa	30
Tensile Strength at Break TD		MPa	21
Elongation at Break MD		%	650
Elongation at Break TD		%	850
Elmendorf Tear Strength MD	ASTM D1992	g	120
Elmendorf Tear Strength TD		g	440
Dart Impact Strength, F_{50} (38 mm Dart, 66 cm Height)	ASTM D1709A	g/µm	4.0
Gloss at 60°	ASTM D2457	GU	90
Suggested Processing Conditions			
Barrel Temperature		℃	180 - 200
Melt Temperature		℃	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

The information & data presented herein are typical values and should not be construed as specification. No warranty or guarantee expressed or implied is made regarding performance. The information & data are subject to change without prior intimation based on research & development work undertaken by the company.

Compliance Certificates & MSDS are available on request.
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