SOLMAX

TECHNICAL DATA SHEET

LLDPE 1.50 mm Black Textured

PROPERTY(1)	TEST METHOD	FREQUENCY	UNIT Metric	1086340
SPECIFICATIONS				
Thickness (Nominal ±5%) (11)	EN 1849-2	Every roll	mm	1.50
Asperity Height (min. avg.)	ASTM D7466	Every roll	mm	0.40
Melt Index - 190°C/5.0 kg (max.)	ISO 1133-1	Per formulation	g/10 min	3.5
Melt Index - 190°C/2.16 kg (max.)	ASTM D1238	One per batch	g/10 min	1.0
Density	ISO 1183-1	Per formulation	g/cm³	< 0.940
Carbon Black Content	ASTM D4218	Every 2 rolls	%	2.0 - 3.0
OIT - Standard (min. avg.)	ASTM D3895	Per formulation	min	100
Tensile Properties (min. avg) (2)	ISO 527-3	Every 2 rolls		
Strength at Break (15)			kN/m	46
Elongation at Break			%	750
Tear Resistance (min. avg.)	ISO 34-1/B	Every 5 rolls	N	180
Puncture Resistance (CBR) (min. avg.)	ISO 12236	Every 5 rolls	kN	3.0
Oven Aging - % retained after 90 days	ASTM D5721	Per formulation		
OIT - Standard (min. avg.)	ASTM D3895		%	35
HP-OIT (min. avg.)	ASTM D5885		%	60
UV Resistance - % retained after 1,600 hr	ASTM D7238	Per formulation		
HP-OIT (min. avg.)	ASTM D5885		%	35
Low Temperature Brittleness	ASTM D746	Certified	°C	- 77
SUPPLY SPECIFICATIONS(Roll dimensions may vary ±1%)				
Roll Dimension - Width	-		m	7.00
Roll Dimension - Length	-		m	110.0
Area (Surface/Roll)	-		m²	770.00

NOTES

1. Testing frequency based on standard roll dimensions.
2. Specimens are cut in the smooth edges.
11. The minimum average thickness is ± 5% of the nominal value.
15. Nominal -7%

* All values are nominal test results, except when specified as minimum or maximum.
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