



# TECHNICAL SPECIFICATION

## Horizon Pulp & Paper Ltd.

### 100% Virgin Long Fibre Sack Kraft Paper

Produced in PM1/2 with maximum deckle 3660/3060mm

No.	Term	Unit, SI System	Value	Value	Value	Value	Value	SD	Standard
1.	Basis Grammage	g/m <sup>2</sup>	110	120	130	140	150	+/-3 g/m <sup>2</sup>	ISO 536
2.	Tensile Strength	KN/m							
		MD	9.7	10.7	11.6	12.7	13.4	7,5%	ISO 1924-2
		CD	4.7	5.0	5.4	5.7	5.9	7,5%	
3.	Stretch at Break	%							
		MD	2.1	2.1	2.1	2.1	2.1	7,5%	ISO 1924-2
		CD	7.0	7.0	7.0	7.0	7.0	7,5%	
4.	Tensile Energy Absorption ( TEA )	J/m <sup>2</sup>							
		MD	123.5	134	159.5	175	185	7,5%	ISO 1924-2
		CD	226.5	242	247.0	259.5	278	7,5%	
5.	Tensile Energy Absorption Index ( TEA Index )	J/g							
		MD	1.1	1.1	1.2	1.2	1.2	7,5%	ISO 1924-2
		CD	2.0	2.0	1.9	1.85	1.85	7,5%	
6.	Tear Strength	mN							
		MD	1800	2000	2200	2400	2600	7,5%	
		CD	2000	2250	2500	2750	3000	7,5%	
7.	Wire Side Surface Water Absorption (COBB 60)	g/m <sup>2</sup>	30	30	30	30	30	5,0%	
8.	Porosity (Gurley)	s	16	14	14	12	12	10,0%	ISO 5636-5
9.	Moisture Content	% of weight	6,5-8,5	6,5-8,5	6,5-8,5	6,5-8,5	6,5-8,5		ISO 287

Values are tested at 23 °C and 50 % RH. Maximum limits by "Average-2SD"

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