



# TECHNICAL SPECIFICATION

## Horizon Pulp & Paper Ltd.

Member of Tolaram Group – Singapore

### 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	SD	Standard
1.	Basis Grammage	g/m <sup>2</sup>	70	80	90	100	+/-3 g/m <sup>2</sup>	ISO 536
2.	Tensile Strength	KN/m						
		MD	5,8	6,6	7,4	8,7	7,5%	ISO 1924-2
		CD	3,4	3,8	4,2	4,4	7,5%	
3.	Stretch at Break	%						
		MD	2,2	2,2	2,2	2,2	7,5%	ISO 1924-2
		CD	7,0	7,0	7,0	7,7	7,5%	
4.	Tensile Energy Absorption ( TEA )	J/m <sup>2</sup>						
		MD	80	95	100	113	7,5%	ISO 1924-2
		CD	155	172	193	206	7,5%	
5.	Tensile Energy Absorption Index ( TEA Index )	J/g						
		MD	1,1	1,1	1,1	1,1	7,5%	ISO 1924-2
		CD	2,2	2,2	2,2	2,2	7,5%	
6.	Tear Strength	mN						ISO 1974
		MD	1080	1240	1395	1600	7,5%	
		CD	1225	1400	1575	1800	7,5%	
7.	Wire Side Surface Water Absorption (COBB 60)	g/m <sup>2</sup>	30	30	30	30	5,0%	ISO 535
8.	Porosity (Gurley)	s	16	16	16	16	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		ISO 287

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

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