



TECHNICAL SPECIFICATION

Horizon Pulp & Paper Ltd.

Member of Tolaram Group – Singapore

100% Virgin Long Fibre Sack Kraft Paper

Produced in PM3 maximum deckle 2280 mm

No.	Term	Unit, SI System	Value	Value	Value	Value	SD	Standard
1.	Basis Grammage	g/m ²	50	60	70	80	+/-3 g/m ²	ISO 536
2.	Tensile Strength	KN/m						
		MD	5,2	6,2	7,0	7,8	7,5%	ISO 1924-2
		CD	2,2	2,6	3,0	3,5	7,5%	
3.	Stretch at Break	%						
		MD	1,8	1,8	1,8	1,8	7,5%	ISO 1924-2
		CD	6,0	6,0	5,8	5,8	7,5%	
4.	Tensile Energy Absorption (TEA)	J/m ²						
		MD	60	72	84	96	7,5%	ISO 1924-2
		CD	85	102	119	136	7,5%	
5.	Tensile Energy Absorption Index (TEA Index)	J/g						
		MD	1,2	1,2	1,2	1,2	7,5%	ISO 1924-2
		CD	1,7	1,7	1,7	1,7	7,5%	
6.	Tear Strength	mN						
		MD	550	660	840	960	7,5%	ISO 1974
		CD	650	780	1000	1120	7,5%	
7.	Wire Side Surface Water Absorption (COBB 60)	g/m ²	25	30	30	30	5,0%	ISO 535
8.	Porosity (Gurley)	s	20	20	20	20	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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