



pine® BABY DIAPER TECHNICAL DATA SHEET



## Product Description

1	Outer Surface Appearance	28 gsm, clothlike breathable textile outer surface Four colours with various hues, and registered <b>pine</b> ® logo on it
2	Inner Surface	%100 PP Spunbonded hydrophilic soft-touch nonwoven
3	Barriers	Extra high, made of SSMMS style hydrophobic nonwoven (prevents leakage)
4	Elastics	680 dtex (400% - 700% elongation)
5	Side Tapes	Look-hoop Velcro tape with textile outer surface (can be closed&opened many times)
6	Elastic ears	elastic wings allow babies move freely
7	Frontal Tape	Locked loop Velcro tape with textile surface and soft texture
8	ADL	45 gsm, high loft acquisition distribution layer (ADL) with green color
9	Absorbency	Super absorbent polymer (SAP) applied with two applicators simultaneously
10	Absorbent Core	<b>pine</b> baby diaper's absorbent core designed for the best acquisition and distribution; this is provided by specific SAP application, hydrophilic ADL and cross-bonded channels particular to <b>pine</b> ®

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Quality Control

Visual control, and standart rewet tests rouñely applied during producñon

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Test Method

BASF 3 steps, 200 mL urine-like soluñon, under pressure, 45 minutes (for maxi)

PRODUCTS	Weight (gr) (±3)	SAP (gr) (±1)	Max Absorpñon (mL)	Max Retenñon (gr)	Core Length (cm)	Total Length (cm)
Newborn (2-5 kg)	17	5	300	0,9	31	36
Mini (3-6 kg)	18	6	400	0,9	31	38
Midi (4-9 kg)	24	8	600	0,9	36	45
Maxi (7-18 kg)	30	11	700	0,9	40	48
Maxi Plus (9-20 kg)	31	12	800	0,9	40	48
Junior (11-25 kg)	34	13	1000	0,9	44	52
Junior Plus (13-27 kg)	35	14	1200	0,9	44	52
Ekstra Large (16 + kg)	37	15	1400	0,9	44	56