

Technical specification sheet

Ball & Doggett

Product: AvantGuard Nature S

Category: Flexible Packaging

Technical Data: Uncoated paper with heat sealable and barrier coating on the reverse side.

Features:

- Uncoated top side
- Calendered
- Chlorine free
- Barrier properties: WVTR, OTR, MOSH / MOAH, aroma, grease
- Heat sealable



Base paper

Reverse side: heat sealable and barrier coating

PROPERTY	UNITS	METHODS	TYPICAL VALUES
Basis Weights	g/m ²	ISO 536	75
Thickness	µm	ISO 534	67
Tensile Strength MD/CD	N/15mm	ISO 1924-2	79/36
Tensile Stretch MD/CD	%	ISO 1924-2	1.6/6.1
Surface Roughness Print Side	µm	ISO 8791-4	3.3
Opacity	%	ISO 2471	66
COBB 60 (H ₂ O) Print Side	g/m ²	ISO 535	20
Moisture Content	%	DIN EN ISO 287	4.0
Grease Resistance	Kit	TAPPI 559*	12
WVTR (23°C, 50% RH)	g/(m ² .d)	ISO 15106-2**	<1
WVTR (38°C, 90% RH)	g/(m ² .d)	ISO 15106-2**	<35
OTR (23°C, 50% RH)	cc/(m ² .d)	DIN 53380	<1
Seal Strength @ 140°C, 0.5s, 3 bar	N/15mm	ASTM F88	3.0

Test climate 23°C, 50 % relative humidity, DIN EN 20 187. All rights to improve quality due to technical modifications reserved

* These values are translated from a modified grease resistance test

** The same result is achieved, if testing according to ISO 2528

Printing:

- Flexo
- Gravure

Available in:

- Reels
- Widths: 760mm / 1,000mm

End Uses:

- Various flexible packaging applications, such as flow-wrap, sachets and pouches for the food and non-food markets

Compliance:

- Suitable for direct food contact
- Available on request as FSC™ (FSC™ C015022) or PEFC (PEFC/07-32-76) certified

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