

**Product:** Apmil Unbleached HWS Kraft Reels

**Category:** Packaging - Food Service

**Mill:** Maryvale

**Country of Origin:** Australia



## Technical specifications: Apmil MG HWS Bag Kraft

### Product description

This is an unbleached machine glazed (MG) product, which is salmon in colour, and typically manufactured from a blend of Kraft virgin and recycled fibres. The feature of this product is its high wet strength (HWS) properties.

### Certification

The pulp and paper mill has the following certifications:

- Quality System AS/NZ ISO 9001:2008
- Environmental System AS/NZ ISO 14001:2004
- OH&S AS/NZS 4801:2001
- AFS (PEFC) Chain of Custody

### Other

The delivered reels outer surface coincides with the machine Glazed (MG) side of the sheet

### Food Contact Safety

Australian Paper's packaging grades undergo regular testing in an accredited third party laboratory to verify conformance with USFDA and or European Regulation requirements.

- This product is recommended as safe for use in contact with Dry, Non fatty foodstuffs and foodstuffs which are shelled, peeled or washed before consumption

For a more detailed compliance statement or further information about food safety please ask your Australian Paper representative

### Customer Responsibilities:

Our customers must ensure that food safety compliance is maintained through their storage, handling and conversion processes. This Product Sheet is regularly updated. Please ask your Australian Paper representative for latest version.

The table below displays typical values. Test climate: RC @ 50%RH, 23°C. Grammage is as made

AP Natural Kraft (APNK)			
Property	Unit	Typical Values	Method based on
Grammage, as made	gsm	45	AS 1301.405S
Moisture	%	6.5	AS 1301.457S
Thickness	µm	74	AS 1301.426S
Tensile MD	kN/m	3.5	ISO 1924-3
Tensile CD	kN/m	1.7	
Stretch MD	%	1.6	ISO 1924-3
Stretch CD	%	3.2	
TEA MD	J/m <sup>2</sup>	36	ISO 1924-3
TEA CD	J/m <sup>2</sup>	39	
Tear MD	mN	350	AS 1301.400S
Tear CD	mN	420	
Burst	kPa	150	AS 1301.403S
Burst Wet	kPa	38	
Roughness (Bendtsen) TS	ml/min	940	AS 1301.439S
Roughness (Bendtsen) MG	ml/min	230	
Porosity (Bendtsen)	ml/min	450	AS 1301.440S
Cobb, 1 min (multisheet) MG	gsm	30	AS 1301.411S
Gloss MG	%	13	TAPPI T480
Colour L* MG	D65/10°	62	AS 1301.455S
Colour a* MG	D65/10°	12.0	
Colour b* MG	D65/10°	13.5	

MD=Machine Direction CD=Cross Direction B/S=Bottom side TS=Top Side RC=Rapid Conditioned

Updated: 04.18



**Product:** Apmil Unbleached HWS Kraft Reels

**Category:** Packaging - Food Service

**Mill:** Maryvale

**Country of Origin:** Australia



**Technical specifications:** Apmil 45gsm MG HWS Bag Kraft

### Product description

This is an unbleached machine glazed (MG) product, which is salmon in colour, and typically manufactured from a blend of Kraft virgin and recycled fibres. The feature of this product is its high wet strength (HWS) properties.

### Certification

The pulp and paper mill has the following certifications:

- Quality System AS/NZ ISO 9001:2008
- Environmental System AS/NZ ISO 14001:2004
- OH&S AS/NZS 4801:2001
- AFS (PEFC) Chain of Custody

### Other

The delivered reels outer surface coincides with the machine Glazed (MG) side of the sheet

### Food Contact Safety

Australian Paper's packaging grades undergo regular testing in an accredited third party laboratory to verify conformance with USFDA and or European Regulation requirements.

- This product is recommended as safe for use in contact with Dry, Non fatty foodstuffs and foodstuffs which are shelled, peeled or washed before consumption

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### Customer Responsibilities:

Our customers must ensure that food safety compliance is maintained through their storage, handling and conversion processes. This Product Sheet is regularly updated. Please ask your Australian Paper representative for latest version.

The table below displays typical values. Test climate: RC @ 50%RH, 23°C. Grammage is as made

AP Natural Kraft (APNK)					
Property	Unit	Typical	Min	Max	Method based on
Grammage, as made	gsm	45	42.8	47.3	AS 1301.405S
Moisture	%	6.5	5.0	9.0	AS 1301.457S
Thickness	µm	74			AS 1301.426S
Tensile MD	kN/m	3.5	2.48		ISO 1924-3
Tensile CD	kN/m	1.7	1.19		
Stretch MD	%	1.6			ISO 1924-3
Stretch CD	%	3.2			
TEA MD	J/m <sup>2</sup>	36			ISO 1924-3
TEA CD	J/m <sup>2</sup>	39			
Tear MD	mN	350	255		AS 1301.400S
Tear CD	mN	420	300		
Burst	kPa	150			AS 1301.403S
Burst wet	kPa	38	27		
Roughness (Bendtsen) TS	ml/min	940			AS 1301.439S
Roughness (Bendtsen) MG	ml/min	230			
Porosity (Bendtsen)	ml/min	450			AS 1301.440S
Cobb, 1 min (multisheet) MG	gsm	30			AS 1301.411S
Gloss MG	%	13	10.5		TAPPI T480
Colour L* MG	D65/10°	62	57	66	AS 1301.455S
Colour a* MG	D65/10°	12.0			
Colour b* MG	D65/10°	13.5			
Cobb, 10min (multisheet) MG	gsm	85		100	AS 1301.411S

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## Food Contact Statement

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(To be read in conjunction with the Product Technical Information Sheet/ Product Specification)

The following information applies only to the food type classifications shown in the Product Technical Information Sheet/ Product Specification for that specific product. The food type classifications are determined from EU Directive 85/572/EEC and are:

- Type I Aqueous and/or fatty foodstuffs.
- Type II Dry, non-fatty foodstuffs.
- Type III Foodstuffs which are shelled or peeled or washed before consumption.

The Australian Paper product referenced in the Product Technical Information Sheet/ Product Specification has been tested in accordance with the guidelines in BfR Recommendation XXXVI and (EC) No 1935/2004. The results indicate the product complies with BfR Recommendation XXXVI and by association Article 3 of regulation (EC) No 1935/2004.

This product complies with (EC) No 2023/2006, indicating that all materials and articles intended for food contact are manufactured in accordance with Good Manufacturing Practice (GMP).

This product is manufactured in compliance with Directive 94/62/EC on Packaging and Packaging Waste, as amended by Directive 2004/12/EC, and Coalition of North Eastern Governors (CONEG). More specifically, the combined total amount of Lead, Cadmium, Mercury and Hexavalent Chrome in this product does not exceed 100 ppm, and no substances dangerous to the environment are purposely used in manufacturing this product.

This product complies with either European Regulation (EC) No 689/2008 or USFDA Chapter 21 Code of Federal Regulations (CFR) sections 170 to 199, in particular sections 176.170 – Component of Paper and Paperboard in contact with Aqueous and Fatty foods and 176.180 – in contact with Dry foods. This product complies with USFDA Chapter 21 Code of Federal Regulations (CFR) section 109.15.

This product complies with USFDA Chapter 21 Code of Federal Regulations (CFR) section 189 and Notice 2011/C 73/01 of the European Commission of 05 March 2011 Note for guidance on minimising the risk of transmitting animal spongiform encephalopathy agents via human and veterinary medicinal products.

It is the responsibility of the purchaser of the product to ensure that any event after delivery from Australian Paper does not negate compliance with the Code.

Please refer to Product Technical Information Sheet/ Product Specification for recommended food type classification.

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