

Product Technical Information Sheet

APMIL MG Brown Bag Kraft

Description of Product

This is an unbleached machine glazed product.

Grammages

Product is available between 35 and 100gsm and is manufactured at Maryvale Mill – (M2)

Materials

Manufactured using a blend of virgin and recycled fibres.

Certification

The pulp and paper mill has the following certifications:

- Quality System AS/NZ ISO 9001
- Environmental System AS/NZ ISO 14001
- OH&S System AS/NZS 4801
- Responsible Wood Certified 'AS 4707 Chain of custody for certified wood and forest products', promoting sustainable forest management. For more info: www.pefc.org.au.

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 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 Responsibility

Our customers must ensure that food safety compliance is maintained through their storage, handling and conversion processes.

Other

The delivered reels outer surface coincides with the Machine Glazed (MG) of the sheet.

This Product Sheet is regularly reviewed. Please ask your Australian Paper representative for latest version.

This table displays typical values. Test climate: RC @ 50% RH, 23 °C.

Property	Unit	Typical Values					Test Method based on
Grammage, as made	g/m ²	35	40	45	50	60	
Moisture	%	6.5	6.5	6.5	6.5	6.5	AS/NZS 1301.457s
Thickness	µm	60	66	73	80	93	AS/NZS 1301.426s
Tensile	MD	kN/m	2.9	3.2	3.5	3.8	4.5
	CD	kN/m	1.3	1.4	1.6	1.7	2.0
Stretch	MD	%	1.5	1.5	1.5	1.5	1.7
	CD	%	3.0	3.0	3.2	3.3	3.3
Tear	MD	mN	250	280	330	380	490
	CD	mN	290	330	385	450	580
Burst	kPa	115	132	148	164	197	AS/NZS 1301.403s
Roughness (Bendtsen)	TS	ml/min	800	870	940	1010	1050
	MG	ml/min	180	200	220	230	250
Porosity (Bendtsen)	ml/min	300	400	400	400	400	AS/NZS 1301.440s
Cobb, 1 min (multisheet)	MG	g/m ²	35	35	35	35	AS/NZS 1301.411s
Gloss	MG	%	12	12	12	12	Tappi T480
Colour L*	MG	D65/10°	62	62	63	63	AS/NZS 1301.455s

MD = Machine Direction

CD = Cross Direction

TS = Top Side

MG = Machine Glazed

RC = Rapid Conditioned

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Property	Unit	Typical Values						Test Method based on
Grammage, as made	g/m ²	65	70	75	80	90	100	
Moisture	%	6.5	6.5	6.5	6.5	6.5	6.5	AS/NZS 1301.457s
Thickness	µm	101	109	116	123	140	154	AS/NZS 1301.426s
Tensile	MD	kN/m	4.9	5.2	5.5	5.9	6.6	ISO 1924-3
	CD	kN/m	2.1	2.2	2.3	2.4	2.7	
Stretch	MD	%	1.7	1.8	1.8	1.8	1.9	ISO 1924-3
	CD	%	3.3	3.3	3.3	3.3	3.3	
Tear	MD	mN	550	600	650	700	800	AS/NZS 1301.400s
	CD	mN	670	730	800	870	1020	
Burst	kPa	205	220	230	245	270	290	AS/NZS 1301.403s
Roughness (Bendtsen)	TS	ml/min	1210	1280	1350	1420	1560	AS/NZS 1301.439s
	MG	ml/min	300	320	350	370	430	
Porosity (Bendtsen)	ml/min	400	400	400	400	400	400	AS/NZS 1301.440s
Cobb, 1 min (multisheet)	MG	g/m ²	35	35	35	35	35	AS/NZS 1301.411s
Gloss	MG	%	12	12	12	12	12	Tappi T480
Colour L*	MG	D65/10°	63	63	63	63	63	AS/NZS 1301.455s

MD = Machine Direction CD = Cross Direction TS = Top Side MG = Machine Glazed RC = Rapid Conditioned