



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 | ISO 1924-3 |
| | 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 | ISO 1924-3 |
| | CD | % | 3.0 | 3.0 | 3.2 | 3.3 | 3.3 | |
| Tear | MD | mN | 250 | 280 | 330 | 380 | 490 | AS/NZS 1301.400s |
| | 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 | AS/NZS 1301.439s |
| | 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



Promoting
Sustainable Forest
Management
www.pefc.org.au



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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 | 7.2 | ISO 1924-3 |
| | CD | kN/m | 2.1 | 2.2 | 2.3 | 2.4 | 2.7 | 3.0 | |
| Stretch | MD | % | 1.7 | 1.8 | 1.8 | 1.8 | 1.9 | 1.9 | ISO 1924-3 |
| | CD | % | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | |
| Tear | MD | mN | 550 | 600 | 650 | 700 | 800 | 900 | AS/NZS 1301.400s |
| | CD | mN | 670 | 730 | 800 | 870 | 1020 | 1160 | |
| Burst | | kPa | 205 | 220 | 230 | 245 | 270 | 290 | AS/NZS 1301.403s |
| Roughness (Bendtsen) | TS | ml/min | 1210 | 1280 | 1350 | 1420 | 1560 | 1700 | AS/NZS 1301.439s |
| | MG | ml/min | 300 | 320 | 350 | 370 | 430 | 480 | |
| Porosity (Bendtsen) | | ml/min | 400 | 400 | 400 | 400 | 400 | 400 | AS/NZS 1301.440s |
| Cobb, 1 min (multisheet) | | g/m ² | 35 | 35 | 35 | 35 | 35 | 35 | AS/NZS 1301.411s |
| Gloss | | % | 12 | 12 | 12 | 12 | 12 | 12 | Tappi T480 |
| Colour L* | | D65/10° | 63 | 63 | 63 | 63 | 63 | 63 | AS/NZS 1301.455s |

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