# Advantage MF Kraft White Print

## Benefits

- High Tensile Strength
- High stiffness
- Very good runnability
- Excellent printability

## End-uses

- We especially recommend its use as an outer ply when high tensile strength and stiffness in the machine direction is needed (e.g. for open mouth sacks.) and a brilliant appearance is desired.

| Management Systems / Certifications | | Food Contact Approvals |
|---|---|---|
| ISO 9001:2015<br>ISO 14001:2015<br>ISO 45001:2018<br>BRCGS | PEFC-CoC,<br>FSC-CoC<br>FSC-CW | German BfR Recommendation XXXVI, XXXVI/2<br>Code of Federal Regulations, Food and Drugs (FDA), 21 CFR Ch.I (1. April 2019) Source Reduction Council of CONEG |

## Technical Values

| Properties | | Method | | Typical values | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Basis Weight | g/m² | ISO 536 | | 70 | 75 | 80 | 90 | 100 | 110 | 120 |
| Tensile strength | kN/m | ISO 1924-3 | md<br>cd | 6.3<br>3.9 | 6,8<br>4.1 | 7.2<br>4.4 | 8.1<br>5.0 | 9<br>5.5 | 9.9<br>6.1 | 10.8<br>5.8 |
| Stretch at break | % | ISO 1924-3 | md<br>cd | 2.6<br>7.8 | 2,6<br>7,8 | 2.6<br>7.8 | 2.6<br>7.8 | 2.6<br>7.8 | 2.6<br>7.8 | 2.6<br>7.8 |
| Tensile Energy Absorption (TEA) | J/m² | ISO 1924-3 | md<br>cd | 105<br>195 | 120<br>210 | 120<br>220 | 135<br>250 | 160<br>280 | 165<br>295 | 192<br>312 |
| Tear Index | mN.m²/g | ISO 1974 | md<br>cd | 14.0<br>16.0 | 14.0<br>16.0 | 14.0<br>16.0 | 14.0<br>16.0 | 14.5<br>16,5 | 14.5<br>16.5 | 14,0<br>16 |
| Thickness | µm | ISO 534 | | 94 | 99 | 108 | 118 | 134 | 146 | 160 |
| Air Resistance (Gurley) | s | ISO 5636-5 | | 24 | 24 | 24 | 24 | 25 | 25 | 25 |
| Cobb60 | g/m² | ISO 535 | | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| Brightness | % | ISO 2470 | | 83 | 83 | 83 | 83 | 84 | 84 | 84 |
| Gloss | % | ISO 8254-2 | | 16 | 16 | 16 | 16 | 18 | 18 | 18 |
| Bendtsen roughness TS | ml/min | ISO 8791-2 | | 350 | 350 | 350 | 350 | 350 | 350 | 350 |

The table above shows typical values for certain basis weights.
**The applied testing method standards always refer to the latest version of released version of the standard in reference to the issue date of Technical Data Sheet.**

It's all in the paper SPECIALITYWORLD by mondi

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Testing conditions:
ISO 187:1990
(23 °C ± 1°C / RH 50% ± 2%)