



## Advantage Kraft Plus

### Benefits

- High Stiffness
- Very good runnability
- Advantage Kraft Plus is also available in wet strength quality.

### End-uses

- We especially recommend its use when high tensile strength and high stiffness in the machine direction is needed (e.g. for open mouth sacks).



Management Systems / Certifications		Food Contact Approvals
ISO 9001:2015 ISO 14001:2015 ISO 45001:2018 EN 15593:2008;	PEFC-CoC FSC-CoC FSC-CW;	German BFR Recommendation XXXVI 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 (please select the 2-10 most common grammages)					
Basis Weight	g/m <sup>2</sup>	ISO 536		70	80	90	100	110	120
Tensile strength	kN/m	ISO 1924-3	md cd	7.7 4.2	8.8 4.8	9.9 5.4	11.0 6.0	12.1 6.6	13.2 7.2
Tensile Index	Nm/g	ISO 1924-3	md cd	110 60	110 60	110 60	110 60	110 60	110 60
Stretch at break	%	ISO 1924-3	md cd	2.6 7.2	2.6 7.2	2.6 7.2	2.6 7.2	2.6 7.2	2.6 7.2
Tensile Energy Absorption (TEA)	J/m <sup>2</sup>	ISO 1924-3	md cd	120 200	135 230	155 260	170 285	190 315	205 345
TEA Index	J/g	ISO 1924-3	md cd	1.7 2.9	1.7 2.9	1.7 2.9	1.7 2.9	1.7 2.9	1.7 2.9
Tear Index	mN.m <sup>2</sup> /g	ISO 1974	md cd	13.0 13.0	13.0 13.0	13.0 14.0	13.0 14.0	13.0 14.5	13.5 14.5
Air Resistance (Gurley)	s	ISO 5636-5		17	17	17	17	17	17
Cobb <sub>60</sub>	g/m <sup>2</sup>	ISO 535		32	32	32	32	32	32

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.



Issued from 01.01.2021,  
latest version available on  
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Test conditions:  
ISO 187 : 1990  
(23 C ± 1 C/RH 50% ±2)