

Technical Data Sheet

Advantage High Strength Plus

End-uses:

Advantage High Strength Plus is an unbleached, highly extensible sack kraft paper combining **very good runnability** and **extremely high tensile energy absorption (TEA)**. We recommend its use for particularly demanding applications.

Grammages:

Advantage High Strength Plus is available in a basis weight range of 70 to 90 g/m².

Materials:

Advantage High Strength Plus is made of pure unbleached long-fibre sulphate pulp.

Approvals:

The paper fulfils the German, CONEG and FDA regulations for papers in contact with foodstuffs.

Certification:

Production of Advantage High Strength Plus is certified according to the quality system ISO 9001 and the environmental management system ISO 14001.

Properties		Test method		Typical values			
				70	80	85	90
Basis weight	g/m ²	ISO 536		70	80	85	90
Tensile strength	kN/m	ISO 1924-3	MD	6.0	6.8	7.2	7.6
			CD	4.8	5.4	5.8	6.1
Tensile index	Nm/g	ISO 1924-3	MD	85	85	85	85
			CD	68	68	68	68
Stretch at break	%	ISO 1924-3	MD	8.0	8.0	8.0	8.0
			CD	8.5	8.5	8.5	8.5
Tensile Energy Absorption (TEA)	J/m ²	ISO 1924-3	MD	265	300	325	345
			CD	265	300	320	330
TEA index	J/g	ISO 1924-3	MD	3.8	3.8	3.8	3.8
			CD	3.8	3.8	3.8	3.7
Tear index	mN.m ² /g	ISO 1974	MD	13.0	13.0	14.0	14.0
			CD	13.0	14.0	14.0	14.5
Air resistance	s	ISO 5636-5		15	15	15	15
Cobb 60"	g/m ²	ISO 535		30	30	30	30
The table above shows typical values for certain basis weights.							
Validity: 01.01.2020 – 31.12.2020				Test conditions: ISO 554 – 1976 (23 ± 1 °C / 50 ± 2 %)			

MD= Machine Direction CD= Cross Direction