

Technical Data Sheet

Advantage Semi Extensible White

End-uses:

Advantage Semi Extensible White is an extensible sack kraft paper combining **high tensile energy absorption (TEA)**, **excellent runnability** and **very good printability**. We especially recommend its use as an outer ply when high strength, best conversion properties and an attractive appearance are required.

Grammages:

Advantage SE White is available in a basis weight range of 70 to 100 g/m².

Materials:

Advantage SE White is made of pure bleached long-fibre sulphate pulp.

Approvals:

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

Certification:

Production of Advantage SE White is certified according to the quality management system ISO 9001 and the environmental management system ISO 14001.

Properties		Test method		Typical values		
Basis weight	g/m ²	ISO 536		70	80	85
Tensile strength	kN/m	ISO 1924-3	MD CD	5.4 3.8	6.2 4.3	6.6 4.6
Tensile index	Nm/g	ISO 1924-3	MD CD	77 54	77 54	77 54
Stretch at break	%	ISO 1924-3	MD CD	5.8 8.6	5.8 8.6	5.8 8.6
Tensile Energy Absorption (TEA)	J/m ²	ISO 1924-3	MD CD	180 225	205 255	220 270
TEA index	J/g	ISO 1924-3	MD CD	2.6 3.2	2.6 3.2	2.6 3.2
Tear index	mN.m ² /g	ISO 1974	MD CD	14.0 16.0	14.5 16.5	14.5 16.5
Air resistance	s	ISO 5636-5		19	19	19
Brightness	%	ISO 2470		84	84	84
Cobb 60"	g/m ²	ISO 535		27	27	27
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

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Properties		Test method		Typical values		
Basis weight	g/m ²	ISO 536		90	100	
Tensile strength	kN/m	ISO 1924-3	MD CD	6.9 4.9	7.6 5.3	
Tensile index	Nm/g	ISO 1924-3	MD CD	77 54	76 53	
Stretch at break	%	ISO 1924-3	MD CD	5.8 8.6	5.8 8.6	
Tensile Energy Absorption (TEA)	J/m ²	ISO 1924-3	MD CD	230 285	250 305	
TEA index	J/g	ISO 1924-3	MD CD	2.6 3.2	2.5 3.1	
Tear index	mN.m ² /g	ISO 1974	MD CD	14.5 16.5	15.0 17.0	
Air resistance	s	ISO 5636-5		19	22	
Brightness	%	ISO 2470		84	84	
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