

Technical Data Sheet Advantage Speed E

End-uses:

Advantage Speed E is an unbleached extensible sack kraft paper combining **extremely high tensile energy absorption (TEA)**, **very good runnability** and **high porosity**. We recommend using it without perforation for the quick filling of valve sacks with powdered substances in particular. This will reduce the dust level during filling and handling of the sacks enormously and has proven most effective in enhancing slip resistance.

Grammages:

Advantage Speed E is available in a basis weight range of 70 to 90 g/m².

Materials:

Advantage Speed E is made of pure unbleached long-fibre sulphate pulp.

Approvals:

The paper fulfils the German (BfR) and US (FDA) regulations for papers in contact with foodstuffs.

Certification:

Production of Advantage Speed E is certified according to the quality system ISO 9001, the environmental management system ISO 14001 and PEFC.

Properties		Test method		Typical values			
Basis weight	g/m ²	ISO 536		70	80	85	90
Tensile strength	kN/m	ISO 1924-3	MD CD	5.7 4.9	6.6 5.6	7.0 6.0	7.4 6.3
Tensile index	Nm/g	ISO 1924-3	MD CD	82 70	82 70	82 70	82 70
Stretch at break	%	ISO 1924-3	MD CD	7.8 8.5	8.0 8.3	8.0 8.2	8.0 8.2
Tensile Energy Absorption (TEA)	J/m ²	ISO 1924-3	MD CD	245 245	280 280	295 295	315 315
TEA index	J/g	ISO 1924-3	MD CD	3.5 3.5	3.5 3.5	3.5 3.5	3.5 3.5
Tear index	mN.m ² /g	ISO 1974	MD CD	13.0 14.0	13.5 14.5	14.0 15.0	14.0 15.0
Air resistance	s	ISO 5636-5		5	5	5	5
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