Technical Data Sheet

Advantage High Strength Plus

Benefits

- Extremely high Tensile Energy Absorption (TEA)
- Excellent runnability

End-uses

- We recommend its use especially for pasted valve sacks for powdery materials such as cement, building materials and chemicals as well as particularly demanding applications.

Management Systems / Cerfications		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/m²	ISO 536		70	80	85	90
Tensile strength	kN/m	ISO 1924-3	md cd	6.0 4.8	6.8 5.4	7.2 5.8	7.7 6.1
Tensile Index	Nm/g	ISO 1924-3	md cd	85 68	85 68	85 68	85 68
Stretch at break	%	ISO 1924-3	md cd	8.0 8.5	8.0 8.5	8.0 8.5	8.0 8.5
Tensile Energy Absorption (TEA)	J/m²	ISO 1924-3	md cd	265 265	300 300	325 320	345 330
TEA Index	J/g	ISO 1924-3	md cd	3.8 3.8	3.8 3.8	3.8 3.8	3.8 3.7
Tear Index	mN.m²/g	ISO 1974	md cd	13.0 13.0	13.0 14.0	14.0 14.0	14.0 14.5
Air Resistance (Gurley)	s	ISO 5636-5		15	15	15	15
$Cobb_{60}$	g/m²	ISO 535		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.

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latest version available on
www.mondigroup.com

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