



# Horizon Armor®

## Standard Sack Kraft Paper

### Technical Data Sheet

#### End uses:

Horizon Armor® is a customized unbleached virgin kraft paper with high stiffness and bulk for protective packaging applications such as cushioning, void fill, blocking and bracing.

#### Grammage:

Horizon Armor is available from 50 to 70 g/m<sup>2</sup>.

#### Certifications:

1. Companies supply chain is certified with FSC®-C129248 (Forest Stewardship Council®).
2. Horizon Pulp & Paper quality management system is certified with ISO9001.
3. Horizon Pulp & Paper environmental management system is certified with ISO14001.
4. Certificate of Compliance by ISEGA for direct contact with food.
5. Anthraquinone free issued by SGS.
6. Compostability issued by ISEGA.

Properties		Typical Value			SD	Test Method
Basis Grammage	g/m <sup>2</sup>	50	60	70	+/-3 g/m <sup>2</sup>	ISO 536
Bending Stiffness MD	kN/m	500	600	700		ISO 2493
Bending Stiffness CD	kN/m	180	215	250		ISO 2493
Tensile Strength MD	KN/m	5,2	6,2	7,0	7,5%	ISO 1924-2
Tensile Strength CD	KN/m	2,2	2,6	3,0	7,5%	ISO 1924-2
Stretch at Break MD	%	1,8	1,8	1,8	7,5%	ISO 1924-2
Stretch at Break CD	%	6,0	6,0	5,8	7,5%	ISO 1924-2
TEA Index MD	mN/ m <sup>2</sup>	1,2	1,2	1,2	7,5%	ISO 1924-2
TEA Index CD	mN/ m <sup>2</sup>	1,7	1,7	1,7	7,5%	ISO 1924-2
Tear Strength MD	mN	550	660	840	7,5%	ISO 1974
Tear Strength CD	mN	650	780	1000	7,5%	ISO 1974
Wire Side Surface Water Absorption (COBB 60)	g/m <sup>2</sup>	25	30	30	5,0%	ISO 535
Porosity	s	20	20	20	10.0%	ISO 5636-5
Moisture Content	% of weight	6,5-8,5	6,5-8,5	6,5-8,5		ISO 287

Values are tested at 23°C and 50% RH. Maximum limits by "Average-2SD".

Dated: 01.03.2022