



Typical Values

High-Strength Natural Kraft Paper

Brand:

KomiFlex Strong

NEW PRODUCT

Parameters	Test method	Substance (g/m ²)				
		50	65	70	90	95
Basis weight, g/m ²	ISO 536	52	67	71	91	99
Caliper, µm	ISO 534	130	154	169	204	233
Bulk, cm ³ /g	ISO 534	2,5	2,3	2,4	2,3	2,4
Moisture content, %	ISO 287	8	7	7	8	7
Cobb 60 TS, g/m ²	ISO 535*	30	31	31	23	21
Stretch at break MD, %	ISO 1924-3	1,6	1,9	1,8	1,8	2,9
Stretch at break CD, %	ISO 1924-3	3,3	3,6	3,3	3,0	2,0
Tensile strength MD, kN/m	ISO 1924-3	3,6	5,0	4,9	6,4	5,3
Tensile strength CD, kN/m	ISO 1924-3	1,1	1,6	1,6	2,1	1,9
Tear strength MD, mN	ISO 1974	432	663	574	820	981
Tear strength CD, mN	ISO 1974	518	541	714	959	1020
Air permeability (Gurley), s/100ml	ISO 5636-5	18	31	28	53	41
SCT CD, kN/m	ISO 9895	-	-	-	1,40	1,34
SCT index, Nm/g	ISO 9895	-	-	-	15,4	13,6
Burst, kPa	ISO 2758	120	165	161	205	164
Burst index, kPa g/m ²	ISO 2758	2,3	2,5	2,2	2,3	1,7
Roughness TS, ml/min	ISO 8791-2	1255	1370	1352	1479	1811
Roughness BS, ml/min	ISO 8791-2	941	1095	1122	1330	1612

Note:

* Prior to Cobb₆₀ testing according to ISO 535, the sample is kept in the oven at 105±2 °C for 15 min and then cooled down at the room temperature for 5 min

Product description:

High-strength natural kraft paper is made of TMP + unbleached softwood, coloured, sized, bulky. Designed for the production of carrier bags, consumer bags.

Information:

Test conditions: Guaranteed values after conditioning, measured at 50 ± 2% RH and 23 ± 1°C (ISO 187:1990)

Mill`s certificates

- ISO 9001
- ISO 14001
- ISO 45001

Manufacturer's Forest management system complies with extended level of NSFC standard (NSFC S+)

The system for verifying the legal origin of wood used in production complies with the requirements of the «Chain of custody of wood and wood-based products» international standard ISO 38200:2018 and the NSFC CoC standard