

Typical Values

High-Strength Natural Kraft Paper

Brand:

KomiFlex Strong

NEW PRODUCT

Parameters	Test method	Substance (g/m ²)		
		65	70	90
Basis weight, g/m ²	ISO 536	66.5	71.4	91.4
Caliper, μm	ISO 534	154	169	204
Bulk, cm ³ /g	ISO 534	2.31	2.36	2.25
Moisture content, %	ISO 287	7.5	7.8	8.0
Cobb 60 TS, g/m ²	ISO 535*	31	31	23
Stretch at break MD, %	ISO 1924-3	1.9	1.8	1.8
Stretch at break CD, %	ISO 1924-3	3.6	3.3	3.0
Tensile strength MD, kN/m	ISO 1924-3	5.0	4.9	6.4
Tensile strength CD, kN/m	ISO 1924-3	1.6	1.6	2.1
Tear strength MD, mN	ISO 1974	663	574	820
Tear strength CD, mN	ISO 1974	541	714	959
Air permeability (Gurley), s/100ml	ISO 5636-5	31	28	53
SCT CD, kN/m	ISO 9895	-	0.9	1.4
SCT index, Nm/g	ISO 9895	-	13.2	15.4
Burst, kPa	ISO 2758	165	161	205
Burst index, kPa g/m ²	ISO 2758	2.5	2.2	2.3
Roughness TS, ml/min	ISO 8791-2	1370	1352	1479
Roughness BS, ml/min	ISO 8791-2	1095	1122	1330

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