

# KAMA OFFSET BULK



## **PRODUCT DESCRIPTION**

Uncoated mechanical paper with high bulk 1,6-1,85 cm<sup>3</sup>/g

## **END USE**

Roll offset printing for black and white books

## **REEL WIDTH**

150-2100 mm ±2 mm

## **REEL DIAMETER**

800-1150 mm ±50 mm

## **RAW MATERIALS**

Aspen bleached chemi-thermomechanical pulp (BCTMP),  
bleached sulphate softwood pulp

Property	Normative value					Method
Grammage, g/m <sup>2</sup>	50.0±2.0	55.0±2.0	60.0±2.0	65.0±2.0	80.0±2.0	ISO 536
Thickness, µm	77-94	85-103	93-112	101-121	125-148	ISO 534
Bulk, cm <sup>3</sup> /g	1.60-1.85					ISO 534
Breaking length, m, min in machine direction on average in two directions	4500 3000					GOST ISO 1924-1
Water absorption top COBB'30, g/m <sup>2</sup> , max	40					GOST 12605 (ISO 535), п. 7.8
CIE whiteness, % Elrepho, min	90					GOST 30113 (ISO 2470)
Opacity, %, min	82	83	85	88		ISO 2471
The number of specks per 1 m <sup>2</sup> with an area of 0.1 to 0.5 mm <sup>2</sup> , max	100					GOST 13525.4
Moisture, %	6.0-8.0					GOST 13525.19 (ISO 287)
Surface resistance to plucking Dennison, wax units	10					GOST P 55083-2012

It's allowed to produce paper with other characteristics in accordance with customer's needs.