

TECHNICAL DATA SHEET

Office Premium Cut-Size

Physical Parameters

	REFERENCE	TARGET	TYPICAL VALUES	
Basis Weight, g/m ²	ISO 536	80.0	76.8	83.2
Thickness, μm	ISO 534	108	104	112
Stiffness MD, mN	ISO 2493-1		≥ 100	
Stiffness CD, mN	ISO 2493-1		≥ 35	
Tensile MD, kN/m	ISO 1924-2		≥ 4.5	
Bendtsen Roughness, ml/min	ISO 8791-2	160	120	200
Air Permeability, ml/min	ISO 5636-3		≤ 1700	
Moisture, %	ISO 287	4.0	3.5	4.5
Formation, #	Internal Method		≥ 30	

Optical Parameters

	REFERENCE	TARGET	TYPICAL VALUES	
Whiteness, CIE	ISO 11475	171	168	174
Brightness D65, %	ISO 2470-2	113	110	116
Opacity, %	ISO 2471	95	≥ 92	

The product specifications provided hereby can be changed on one or more parameters at any time by The Navigator Company

Approved by:

Technical Department: Eng. Vitor Crespo

TECHNICAL DATA SHEET

Office Premium Cut-Size

Physical Parameters

	REFERENCE	TARGET	TYPICAL VALUES	
Basis Weight, g/m ²	ISO 536	90.0	86.4	93.6
Thickness, μm	ISO 534	115	111	119
Stiffness MD, mN	ISO 2493-1		≥ 140	
Stiffness CD, mN	ISO 2493-1		≥ 70	
Tensile MD, kN/m	ISO 1924-2		≥ 4.8	
Bendtsen Roughness, ml/min	ISO 8791-2	140	100	180
Air Permeability, ml/min	ISO 5636-3		≤ 1700	
Moisture, %	ISO 287	4.0	3.5	4.5
Formation, #	Internal Method		≥ 50	

Optical Parameters

	REFERENCE	TARGET	TYPICAL VALUES	
Whiteness, CIE	ISO 11475	171	168	174
Brightness D65, %	ISO 2470-2	113	110	116
Opacity, %	ISO 2471	96	≥ 94	

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QUALITY AND ENVIRONMENTAL INFORMATION

- The Navigator Company's papers are made from Elemental Chlorine Free (ECF) bleached kraft pulp;
- The Navigator Company's papers are produced in a neutral/slightly alkaline papermaking process, therefore considered as "acid free" products which meet the requirements of ISO 9706 standard, "*Information and documentation – Paper for documents – Requirements for permanence*";
- The Navigator Company's laboratories are accredited according to the ISO 17025 standard;
- Quality, Environmental and Safety Management Systems are certified according to the ISO 9001, ISO 14001 and OHSAS 18001 standards.
- The Navigator Company is chain-of-custody certified according to standards FSC-STD-40-004 and FSC-STD-50-001 (NC-COC/CW-014433) and to standard PEFC ST 2002:2010 (APCER/2007/CDR.0008).