



TECHNICAL DATA SHEET

Office Economy Cut-Size

Physical Parameters

	REFERENCE	TARGET	TYPICAL VALUES	
Basis Weight, g/m ²	ISO 536	80.0	76.0	84.0
Thickness, µm	ISO 534	98.0	91	105
Stiffness MD, mN	ISO 2493-1		>= 75	
Stiffness CD, mN	ISO 2493-1		>= 35	
Tensile MD, kN/m	ISO 1924-2		>= 4.4	
Bendtsen Roughness, ml/min	ISO 8791-2	220	110	320
Air Permeability, ml/min	ISO 5636-3		<= 1700	
Moisture, %	ISO 287	4.2	3.5	5.0
Formation, #	Internal Method		>= 25	

Optical Parameters

	REFERENCE	TARGET	TYPICAL VALUES	
Whiteness, CIE	ISO 11475	146	141	151
Brightness D65, %	ISO 2470-2	105	101	109
Opacity, %	ISO 2471	93	>= 90	

Approved by:

Technical Department: Eng. Cidália Torre Abreu



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).