THE NAVIGATOR COMPANY

TECHNICAL DATA SHEET

Offset Standard

Physical Parameters

	REFERENCE	TARGET	TYPICAL VALUES	
Basis Weight, g/m²	ISO 536	70.0	66.5	73.5
Thickness, µm	ISO 534	91.0	86.0	96.0
Stiffness MD, mN	ISO 2493-1		≥ 50	
Stiffness CD, mN	ISO 2493-1		≥ 20	
Tensile MD, kN/m	ISO 1924-2		≥ 3.6	
Bendtsen Roughness, ml/min	ISO 8791-2	180	100	260
Air Permeability, ml/min	ISO 5636-3			≤ 1700
Moisture, %	ISO 287	6.0	5.0	7.0
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	90	≥ 86	

Approved by:

Product Development and Technical Services: Eng. Vitor Crespo

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-40-005 (NC-COC-014433/NC-CW-014433) and to standard PEFC ST 2002:2013 (APCER/2007/CDR.0008).