

## TECHNICAL DATA SHEET

### Office Economy Cut-Size

#### Physical Parameters

|                                | REFERENCE       | TARGET | TYPICAL VALUES |      |
|--------------------------------|-----------------|--------|----------------|------|
| Basis Weight, g/m <sup>2</sup> | 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



## **MANAGEMENT SYSTEMS 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, Health, Safety and Energy Management Systems are certified according to the ISO 9001, ISO 14001, ISO 45001 and ISO 50001 standards;
- The Navigator Company is chain-of-custody certified according to standards FSC-STD-40-004 and FSC-STD-40-005 (NC-COC/CW-014433) and to standard PEFC ST 2002 (APCER-PEFC-COC-070008).