



TECHNICAL DATA SHEET

Everyday 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



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).