

PRELIMINARY TECHNICAL DATASHEET

Office Premium Cut-Size

Physical Parameters

| | REFERENCE | TARGET | TYPICAL VALUES | |
|--------------------------------|------------|--------|----------------|-----|
| Basis Weight, g/m ² | ISO 536 | 160 | 154 | 166 |
| Thickness, μm | ISO 534 | 190 | 186 | 194 |
| Bendtsen Roughness, ml/min | ISO 8791-2 | 150 | 100 | 200 |
| Moisture, % | ISO 287 | 5.4 | 4.9 | 5.9 |

Optical Parameters

| | REFERENCE | TARGET | TYPICAL VALUES | |
|-------------------|------------|--------|----------------|-----|
| Whiteness, CIE | ISO 11475 | 169 | 166 | 172 |
| Brightness D65, % | ISO 2470-2 | 111 | 110 | 112 |
| Opacity, % | ISO 2471 | 99 | ≥ 98 | |

Approved by:

Technical Department: 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-50-001 (NC-COC/CW-014433) and to standard PEFC ST 2002:2010 (APCER/2007/CDR.0008).