

## TECHNICAL DATA SHEET

### Offset Premium Sheets

#### Physical Parameters

|                                | REFERENCE       | TARGET | TYPICAL VALUES |      |
|--------------------------------|-----------------|--------|----------------|------|
| Basis Weight, g/m <sup>2</sup> | ISO 536         | 70.0   | 67.2           | 72.8 |
| Thickness, µm                  | ISO 534         | 91.0   | 85.0           | 96.0 |
| Stiffness MD, mN               | ISO 2493-1      |        | ≥ 60           |      |
| Stiffness CD, mN               | ISO 2493-1      |        | ≥ 20           |      |
| Tensile MD, kN/m               | ISO 1924-2      |        | ≥ 4.5          |      |
| Bendtsen Roughness, ml/min     | ISO 8791-2      | 170    | 110            | 220  |
| Air Permeability, ml/min       | ISO 5636-3      |        | ≤ 1700         |      |
| Moisture, %                    | ISO 287         | 6.2    | 5.2            | 7.2  |
| Formation, #                   | Internal Method |        | ≥ 30           |      |

#### Optical Parameters

|                   | REFERENCE  | TARGET | TYPICAL VALUES |     |
|-------------------|------------|--------|----------------|-----|
| Whiteness, CIE    | ISO 11475  | 161    | 158            | 164 |
| Brightness D65, % | ISO 2470-2 | 110    | 107            | 113 |
| Opacity, %        | ISO 2471   | 90     | ≥ 87           |     |

The product specifications provided hereby can be changed on one or more parameters at any time by The Navigator Company

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).