

OFFICE STANDARD

Product Specifications

PARAMETERS	REFERENCE	TARGET	MAXIMUM	MINIMUM
Basis Weight, g/m²	ISO 536	80,0	83,2	76,8
Thickness, µm	ISO 534	107	112	104
CIE Whiteness, #	ISO 11475	160	163	157

Typical Values

PARAMETERS	REFERENCE	TARGET	MAXIMUM	MINIMUM
Bendtsen Air Permeability, ml/min	ISO 5636-3	---	1100	---
Bendtsen Roughness, ml/min	ISO 8791-2	180	220	140
Stiffness MD, mN	ISO 2493	---	---	115
Stiffness CD, mN	ISO 2493	---	---	55,0
Tensile MD, kN/m	ISO 1924-2	---	---	4,70
Moisture, %	ISO 287	4,0	4,2	3,8
Formation, #	ITE 620/264	---	---	50
Brightness D65/10°, %	ISO 2470	111,00	112,00	110,00
Opacity, %	ISO 2471	93,0	---	92,0

Prepared by: Product Development and Technical Services
 Approved by: Paper Mill Director

Printing date:

QUALITY AND ENVIRONMENTAL INFORMATION

- Portucel's Setúbal mill is chain-of-custody certified by the Rainforest Alliance's Smartwood Program, in accordance with FSC-STD-40-004 (SW-COC-1829);
- Paper is made from Elemental Chlorine Free (ECF) bleached kraft pulp;
- Paper is produced in a neutral/slightly alkaline papermaking process, being therefore considered as "acid free" products;
- Paper products meet the requirements of ISO 9706 standard, *Information and Documentation – Paper for Documents – Requirements for Permanence*;
- Portucel's laboratory is certified according to the ISO 17025 standard;
- The Quality, Environmental and Safety Management Systems are certified according to the ISO 9001, ISO 14001 and OHSAS 18001 standards.

