

HYBRID OFFICE PREMIUM

Product Specifications

PARAMETERS	REFERENCE	TARGET	MAXIMUM	MINIMUM
Basis Weight, g/m <sup>2</sup>	ISO 536	80,0	83,2	76,8
Thickness, μm	ISO 534	111	115	107
CIE Whiteness, #	ISO 11475	163	166	160

Typical Values

PARAMETERS	REFERENCE	TARGET	MAXIMUM	MINIMUM
Bendtsen Air Permeability, ml/min	ISO 5636-3	---	1700	---
Bendtsen Roughness, ml/min	ISO 8791-2	250	300	200
Stiffness MD, mN	ISO 2493	---	---	90,0
Stiffness CD, mN	ISO 2493	---	---	50,0
Tensile MD, kN/m	ISO 1924-2	---	---	4,60
Moisture, %	ISO 287	4,0	4,2	3,8
Formation, #	ITE 620/264	---	---	25
Brightness D65/10°, %	ISO 2470	108,50	109,50	107,50
Opacity, %	ISO 2471	93,0	---	92,0

Prepared by: Product Development and Technical Services

Approved by: Paper Mill Director

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### 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.

