EUROCALCO: TECHNICAL PROPERTIES

PROPERTY	RELATED REGULATION	INFLUENCE ON PRODUCT QUALITY
CHARACTERISTIC		
Substance	ISO 536	Intrinsic property related to the customer's requirements. For paper in reels, substances somewhat below the nominal values are established in order to increase productivity. Some papers (coated, bulk, thermal paper) prioritize thickness over substance with the aim of meeting specific objectives concerning the final measurements of the spine or small reels.
Thickness/caliper	ISO 534	Intrinsic property related to the customer's requirements. For paper in reels, substances somewhat below the nominal values are established in order to increase productivity. Some papers (coated, bulk, thermal paper) prioritize thickness over substance with the aim of meeting specific objectives concerning the final measurements of the spine or small reels.
Whiteness-D65/C2	ISO 11475/ISO 11476	Property related to the appearance of the product. Greater whiteness tends to be associated with higher quality. As visual perception of this property depends on the kind of illuminant used, 2 different conditions are typically used for measuring, exterior light (D65 sunlight) and interior light (C2 fluorescent).
RUNNABILITY		
Absolute/relative humidity	ISO 287/Tappi T502	Absolute humidity is a measure of the water content of the paper (manufacturing control). Relative humidity denotes the moisture content of the paper balanced with environmental conditions. Moisture content in balance with the environmental conditions of operation areas allows for a print free of movements and disruptions and avoids problems of curl during operation. Paper subjected to operation processes at high temperatures (rotary, laser printing, silk screen printing, etc.) requires lower humidity in order to avoid curling or blistering.
Paper curl	Tapir um427	In the application of uncoated paper for photocopies in laser printing processes with drying toner at a high temperature, deformation/curl occurs as a result of the reaction of the sheet to heat. When there is excessive heat operation problems can occur both in the photocopy machine itself (printing of sheets) and in the subsequent process of zigzag folding (printing of reels).

RELATED REGULATION: Those used as a reference for developing the test method
***TEST METHOD:** Documented analytic procedure for measuring or quantifying the property.

TORRASPAPEL, S.A. - Llull, 331 - 08019 Barcelona