

Use Information: This paragraph is informational only and is not exclusively definitive of the end use. For use in laser printers, high speed, plain paper copiers and xerographic equipment as specified; for products of a non-permanent nature. May contain foreign or "dirt" particles embedded in the surface of the paper.

Stock: Not less than 100% total recovered fiber of which 50% shall be postconsumer fiber. Postconsumer fiber, in any percent over 50 percentage points, is encouraged, provided that the requirements of this Standard are met.

Note: At the option of the ordering agency, a postconsumer content in excess of 50% may be specified.

Moisture content: Average (percent) 4.5
A tolerance of ± 0.5 percentage point shall be allowed.

Basis weight: 17 by 22 inches, 500 sheets (pounds) 20 22 24
A tolerance of $\pm 5\%$ shall be allowed.

Stiffness: Average each direction not less than (Gurley milligrams) --
Machine direction 130 140 150
Cross direction 65 70 75

OR
Taber units --
Machine direction 1.9 2.0 2.2
Cross direction 0.9 1.0 1.1

Note: Any deviation in this requirement is sufficient cause for rejection of the paper.

Tearing strength: Average each direction not less than (grams) 30 40 50

Opacity: Average not less than (percent) 86 88 90
No individual specimen shall average less than (percent) 84 86 88

Smoothness: Average each side (Sheffield units) 190 to 130

Note: Any deviation in this requirement is sufficient cause for rejection of the paper.

Ruling and writing quality: Lines ruled and characters written with ballpoint and felt tip pens shall be clear-cut and free from excessive feathering.

Curl: Paper shall lie flat before and after processing through a high-speed copier or laser printer with either no tendency to curl or with a curl, which can be overcome under reasonable working conditions.

Surface: Shall be free from lint, fuzz, wrinkles, waviness, folds, holes, tears, and other detrimental defects.

Size and trim: Sheets: Paper shall be furnished in the size(s) ordered and shall be flat, trimmed square on four sides with clean smooth edges, and evenly jogged. A tolerance of 1/32 inch shall be allowed for sheets 8-1/2 by 14 inches or less. Successive sheets within any package shall not differ from each other by more than 1/32 inch. Paper shall be considered squared if the variation does not exceed 1/32 inch.

General appearance: Paper shall conform to the standard sample(s) established by the Government.

Brightness: Shall target 82% or as specified.

Color: The paper in the order (or publication) shall be uniform and the color variation shall not exceed DE(CIELAB) = 1.0.

Formation: Shall be uniform.

Cleanliness: Shall match the Government standard.

Performance: Shipments of any qualified product shall perform satisfactorily on laser printer and high speed xerographic equipment. There shall not be more than one paper caused jam or one document with unacceptable image quality due to the paper per 5,000 continuous-copy run at atmospheric conditions of 21 ± 5.5 °C and 50 $\pm 20\%$ relative humidity

Testing: Shall be conducted in accordance with methods in part 2, *Government Paper Specification Standards*. The precision requirements of the acceptance criteria (Part 4) shall apply except as noted in the standard.