

**Use Information:** This paragraph is informational only and is not exclusively definitive of the end use.  
For use in producing camera ready copy; suitable for use in laser printers and high speed xerographic equipment as specified.

**Stock:** 100% bleached chemical pulp.

*Note: Postconsumer fiber, in any percentage, is encouraged, provided that the requirements of this Standard are met.*

**Moisture content:** Average (percent) ..... 4.5  
A tolerance of  $\pm 0.3$  percentage point shall be allowed.

**Basis weight:** 17 by 22 inches,  
500 sheets (pounds) ..... 24 28  
A tolerance of  $\pm 5\%$  shall be allowed.

**Stiffness:** Average each direction not less than  
(Machine direction, Gurley milligrams).... 150 200  
(Cross direction, Gurley milligrams) ..... 75 100

**OR**

(Machine direction, Taber units) ..... 2.4 3.0  
(Cross direction, Taber units) ..... 1.5 2.0

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

**Tearing strength:** Average each direction,  
not less than (grams) ..... 36 40

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

**Smoothness:** Average each side not to  
exceed (Sheffield units) ..... 100

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

**Ruling and writing quality:** Lines ruled and characters  
written with ball point 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 87% 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:** The dirt count for each side of the paper shall  
not exceed 25 specks per square meter. No sample sheet  
(600 to 650 cm<sup>2</sup> in size) shall contain more than one defect  
with equivalent area of 0.25 mm<sup>2</sup> or greater.

**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  $\pm 5.5$  °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.