

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. Low brightness. May contain foreign or "dirt" particles embedded in the surface of the paper.

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

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

Grammage (g/m²) 75
Basis weight: 17 by 22, 500 sheets (pounds) 20
A tolerance of ±5 pct shall be allowed.

Stiffness: Gurley, average, not less than—
Machine direction (mg) 130
Cross direction (mg) 60

OR

Taber, average not less than—
Machine direction (units) 1.9
Cross direction (units) 0.9

Tearing strength: Average, each direction, not less than (mN) 290
Equivalent (grams) 30

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

Smoothness: Average, each side (units) 160
A tolerance of ±30 units shall be allowed
Any specimen averaging more than 30 units from the nominal value shall be sufficient cause for rejection of the paper.

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.

Ruling and writing qualities: Lines ruled and characters written with ball point and felt tip pens shall be clear cut and free from excessive feathering.

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 mm (1/32 inch) shall be allowed for sheets 216 by 356 mm (8 1/2 by 14 inches) or less. Successive sheets within any package shall not differ from each other by more than 1 mm (1/32 inch). Paper shall be considered square if the variation does not exceed 1 mm (1/32 inch).

Grain: Direction of the grain on flat paper shall be as ordered.

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

Color: The paper in the order (or publication) shall be uniform with a target brightness of 81 pct or as specified. The color variation permitted is 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 printers 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 ±20 pct relative humidity.

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