

**Use Information:** This paragraph is informational only and is not exclusively definitive of the end use. For highest quality face and back offset printing of books, pamphlets, folders, etc. Lower bulk. Printed matter may include text, illustrations, and halftones up to 150-line screen and solid reverses.

**Stock:** 100% chemical pulp.  
*Note: Not less than 30% postconsumer fiber. Any percent over 30 percentage points, is encouraged, provided that the requirements of this Standard are met.*

**Basis weight:** 25 by 38 inches,  
 500 sheets (pounds)..... 50 60 70 80  
 A tolerance of  $\pm 5\%$  shall be allowed.

**Bursting strength:** Average, not less than (lb/in<sup>2</sup>) ..... 21 25 29 33

**Opacity:** Average, not less than (percent) ..... 92 93 94 95  
 No individual specimen shall average less than (percent) ... 90 91 92 93

**Thickness:** Average (mils) ..... 3.5 4.1 4.9 5.5  
 A tolerance of  $\pm 0.0003$  inch shall be allowed. Paper shall be uniform and shall not vary more than 0.0004 inch from edge to edge.

**Smoothness:** Average each side not to exceed (Sheffield units) ..... 140

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

**Brightness:** Shall target 83% 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.

**Finish and formation:** Shall be uniform.

**Cleanliness:** The dirt count for each side of the paper shall not exceed 250 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.

OPTION

**Alkaline paper.** This option is for products requiring above average permanence.

**Stock:** 100% bleached chemical woodpulp.  
*Note: Not less than 30% postconsumer fiber. Any percent over 30 percentage points, is encouraged, provided that the requirements of this Standard are met.*

**Acidity:** pH value by cold extraction shall be not less than 7.0. The paper shall contain not less than 2% calcium carbonate.

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

**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.