

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

**Stock:** Groundwood pulp, not to exceed 1%. The total lignin content of the paper shall not exceed 3% of the fiber weight.

*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)..... 40<sup>1</sup> 50<sup>1</sup> 60  
A tolerance of ±5% shall be allowed.

**Bursting strength:** Average, not less than (lb/in<sup>2</sup>) ..... 16 20 25

**Opacity:** Average, not less than (percent) ..... 89 91 93  
No individual specimen shall average less than (percent) ..... 87 89 91

**Thickness:** Average (mils) ..... 3.0 3.9 4.7  
A tolerance of ±0.0005 inch shall be allowed. Paper shall be uniform and shall not vary more than 0.0004 inch from edge to edge.

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

**Brightness:** Shall target not less than 81% 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. Replace above with the following properties.

**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 from 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 acceptance criteria Part 4 shall apply.

<sup>1</sup> These weights are typically not available in less than mill run quantities.