

**Use Information:** This paragraph is informational only and is not exclusively definitive of the end use. For highest quality multicolor face and back printing of books, pamphlets, magazines, periodicals, brochures, etc. Printed matter may include text, illustrations, and halftones up to 200-line screen.

**Stock:** Free from groundwood or unbleached pulp.  
*Note: Not less than 10% postconsumer fiber. Any percent over 10 percentage points, is encouraged, provided that the requirements of this Standard are met.*

**Acidity:** pH value of the coating, average, not less than 6.5

**Basis weight:** 25 by 38 inches, 500 sheets  
(pounds) ..... 70      80      100  
A tolerance of  $\pm 5\%$  shall be allowed.

**Bursting strength:** Average not less than  
(lb/in<sup>2</sup>) ..... 21      31      40

**Opacity:** Average not less than  
(percent) ..... 94      95      96  
No individual specimen shall average  
less than (percent) ..... 92      93      94

**Thickness:** Average (inch) ... 0.0033 0.0037 0.0043  
A tolerance of  $\pm 0.0005$  inch shall be allowed. Paper shall be uniform and shall not vary more than 0.0004 inch from edge to edge.

**Gloss (75°):** Average each side not less than (percent) ..... 65

**Smoothness of coating:** Average each side not to exceed (Sheffield units) ..... 45

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

**Brightness:** Average, not less than 85% 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:** Coating shall be uniform; shall be uniformly applied; shall not be gritty, mottled, stippled, or ribbed in appearance; and shall not exhibit cracks or flake off.

**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.

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 10% postconsumer fiber. Any percent over 10 percentage points, is encouraged, provided that the requirements of this Standard are met.*

**Acidity:** pH value by cold extraction, average, not less than 7.0 for both the coating and base paper.  
*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 acceptance criteria Part 4 does not apply.