

Use Information: This paragraph is informational only and is not exclusively definitive of the end use. For multicolor face and back printing of books, pamphlets, manuals, etc. requiring water-resistant properties. Printed matter may include text, illustrations, and halftones up to 150-line screen.

Stock: Groundwood or unbleached chemical pulp, singly or mixed, not to exceed 5%; the remainder bleached chemical pulp. The use of melamine-formaldehyde or any mater that releases formaldehyde into the atmosphere at concentration of 0.1 part per million or greater shall not be permitted in the manufacture of this paper

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, average, not less than 4.7.

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

Bursting strength: Average, not less than
 (Dry, lb/in²) 30
 (Wet, lb/in²) 13

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

Thickness: Average (inch) 0.0041
 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.

Water resistance: Average, each side, not less than (seconds) 60

Smoothness: Average, each side, not to (Sheffield units) 110 to 60

Blocking: Sheets shall not stick together after being wet with water than allowed to dry in contact with other sheets of the same paper.

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

Brightness: Shall target 72% $\pm 2\%$ 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 250 specks per square meter. No sample sheet (600 to 650 cm² in size) shall contain more than one defect with equivalent area of 0.25 mm² or greater.

Testing: Shall be conducted in accordance with methods in part 2, *Government Paper Specification Standards*. The acceptance criteria Part 4 apply.

¹ This grade is typically not available in less than mill run quantities.