

SPECIFICATION

General Requirements

The offset PMS Base shall be homogeneous and ready for use directly from the container. The unopened ink shall have a minimum shelf life of 12 months/ The freshly opened container shall show no evidence of livering or undue shining and have no disagreeable odor.

The bases shall be suitable for reproduction as employed in offset printing for coated and uncoated stock using Miehle Super Sixty offset presses operating at speeds of $5,500 \pm 500$ impressions per hour using an alcohol fountain solution (20-25% isopropanol by volume, $\text{pH } 4.0 \pm 5$)> The ink formulated from the bases is required to stay open on the press under normal operating conditions which include down times up to an hour and continuous round the clock operation.

Specific Requirements

Tack.....(Using Thwing-Albert Inkometer @ 90°F at 1200 rpm)
 20.5 ± 2.5

Drying Time.....2-6 hours (on chemical wood index paper)

Grind.....3 scratches max. at reading of one on the NPIRI Grindometer

Weight Density... $1.05 \pm .05$

Color Strength...Must be equal or stronger than Pantone Standard in strength and shade to standard when one part is diluted with 50 parts of mixing white.

Optical Density (if the dried ink).....to be equal $\pm .1$ of the optical density of the standard Pantone color being purchased.