

(PREVIEW)

Indian Standard

**SPECIFICATION FOR
SODIUM HYPOPHOSPHITE FOR
ELECTROLESS PLATING**

0. FOREWORD

0.1 This Indian Standard (First Revision) was adopted by the Bureau of Indian Standards on 12 May 1987, after the draft finalized by the Electroplating Chemicals Sectional Committee had been approved by the Chemical Division Council.

0.2 This standard was originally published in 1979. Subsequently, it was decided by the Electroplating Chemicals Sectional Committee to revise this standard to bring in line with international practices and to incorporate the experience gained by manufacturers and users of this material during these years.

0.3 Hypophosphites are powerful reducing agents, precipitating metals from metal salt solutions. Sodium hypophosphite is used as reducing agent for nickel, cobalt and palladium chlorides in electroless nickel, cobalt and palladium plating applications. In this revision, a new grade of sodium hypophosphite has been introduced which is required for special applications of electroless plating for electronic industries.

0.4 This edition 2.1 incorporates Amendment No. 1 (February 2005). Side bar indicates modification of the text as the result of incorporation of the amendment.

1. SCOPE

1.1 This standard prescribes the requirements, methods of sampling and test for sodium hypophosphite required for electroless plating applications.