

Passivation layer assessments of commercial tinplate

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20407071&lokasi=lokal>

Abstrak

Tinplate is commonly used as the base material for food and beverage container. This material is produced by electroplating a steel strip with a thin coating of tin. Several processes are then carried out to ensure appropriate performance for the industry. Some characteristics such as resistance to rust, corrosion, and discoloration should be maintained. In this experiment the passivation layer, which is the outer coating of tinplate is studied to determine some aspects of damage to the tinplate surface in its performance.