

ANODIZED CRYOGENICALLY TREATED ALUMINUM

ABSTRACT

The invention relates to a process for producing anodic coatings with superior corrosion resistance and other properties on aluminum and aluminum alloy surfaces by cryogenically treating the aluminum prior to anodizing. The invention also relates to the anodic coatings and to the anodically coated articles produced by the process. The anodized coating has a thickness of 0.001 to 0.5 mm and a time to penetration of at least 5 hours for aqueous solutions of HCl.

BTB