

Pengaruh perlakuan panas terhadap ketahanan korosi batas butir baja tahan karat tipe 316

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Abstrak

Heat treatment influence to intergranular corrosion susceptibility of stainless steel type 316. Stainless steel was used in nuclear industry as cladding of Liquid Metal Fast Breeder Reactor (LMFBR), which operation temperature above 500°C. According to the theory, resistance of stainless steel type 316 is good enough, but in the high temperature tend to influence by intergranular corrosion. The sensitization degree of stainless steel type 316 (SS 316) was calculated by potentiostat using potentiodynamic method, and was observed by scanning electron microscope (SEM)....