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CHALLENGES WELDING DUPLEX AND SUPER DUPLEX STAINLESS STEELWelding Duplex And Super Duplex Stainless Steels Is Similar To Welding Austenitic Stainless Steels; However, Critical Steps Must Be Taken To Maximize Both Corrosion Resistance And Mechanical Properties. Where Maximum Results Are Necessary, Such As In Corrosive Service Applications, Selecting The Proper Jan 12th, 2024Duplex Stainless Steels Welding Guidelines2.1 Welding Metallurgy Duplex Stainless Steels Have A Microstructure Consisting Of 50% Ferrite α And 50% Austenite γ . These Alloys Solidify As Ferrite, Which Then Partially

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Corrosion Resistance Of Duplex Stainless Steels In ...Corrosion Environments Containing Chloride Ions,

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