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Duplex Stainless Steel 2205 in the Pulp and Paper Industry

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Duplex Stainless Steel 2205 in Pulp and Paper Industry



Abstract

Duplex stainless steel's durability, formability, and resistance to corrosion make it the primary steel option of the pulp and paper industry. The harsh environments found in certain aspects of this industry, such as in bleach plants, digesters, liquor vessels, and any piping where corrosive liquids may be passed, require the previously mentioned properties that duplex stainless steel 2205 offer. The structure and properties of duplex stainless steel, as well as the processes it undergoes, allow for it to withstand these environments. Research into the structure and properties of duplex stainless steel and the processes it undergoes will indicate how duplex stainless steel 2205 is not only the best option for the pulp and paper industry, but also how it enhances the industry's abilities.

