



GALLATIN
STEEL

ISO 9001 CERTIFIED
ISO/TS 16949 CERTIFIED

Recycled Content of Gallatin Steel Company's Hot Rolled Coils

Gallatin Steel Company produces approximately 1.5 million tons of hot rolled steel coils in the United States each year. The coils are formed by melting a variety of ferrous raw materials in an electric arc furnace.

Ferrous raw materials are used in the arc furnace and include recycled steel and virgin iron products such as pig iron or direct reduced iron. The recycled steel makes up approximately 65% of the finished coiled product. Non-ferrous materials (alloying elements) are also melted with ferrous materials to provide the desired steel chemistry. The alloying elements are also from recycled and virgin sources but typically make up less than 2% of the finished coiled product. The exact percentage of each type of material in a finished coiled product can vary depending upon metallurgical properties required, efficiency of melting operations, and market pricing considerations for each material type melted.

Recycled steel can be classified as post-industrial recycled steel or post-consumer recycled steel. Post-industrial recycled steel is collected as a by-product from a manufacturing process and has not been made into a finished product before being recycled. This accounts for approximately 35% of the finished coiled product. Post-consumer recycled steel is derived from finished steel products that have been used by individuals or businesses before being recycled. It accounts for approximately 25% of the finished coiled product.

GSC Hot Rolled Coils Composition Summary

Post industrial recycled steel = 30 - 40%

Virgin Iron products = 30 - 40%

Post consumer recycled steel = 20 - 30%

Alloying agents = <2%

If there are specific questions regarding the recycled content of Gallatin's products, please contact Chris Melton, Environmental Manager at 859-567-3141.

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