

Poster 14

Development of new surface treatments for automotive utilising chemcoater



Jamie Williams

AUTHOR OF POSTER:
Jamie Williams

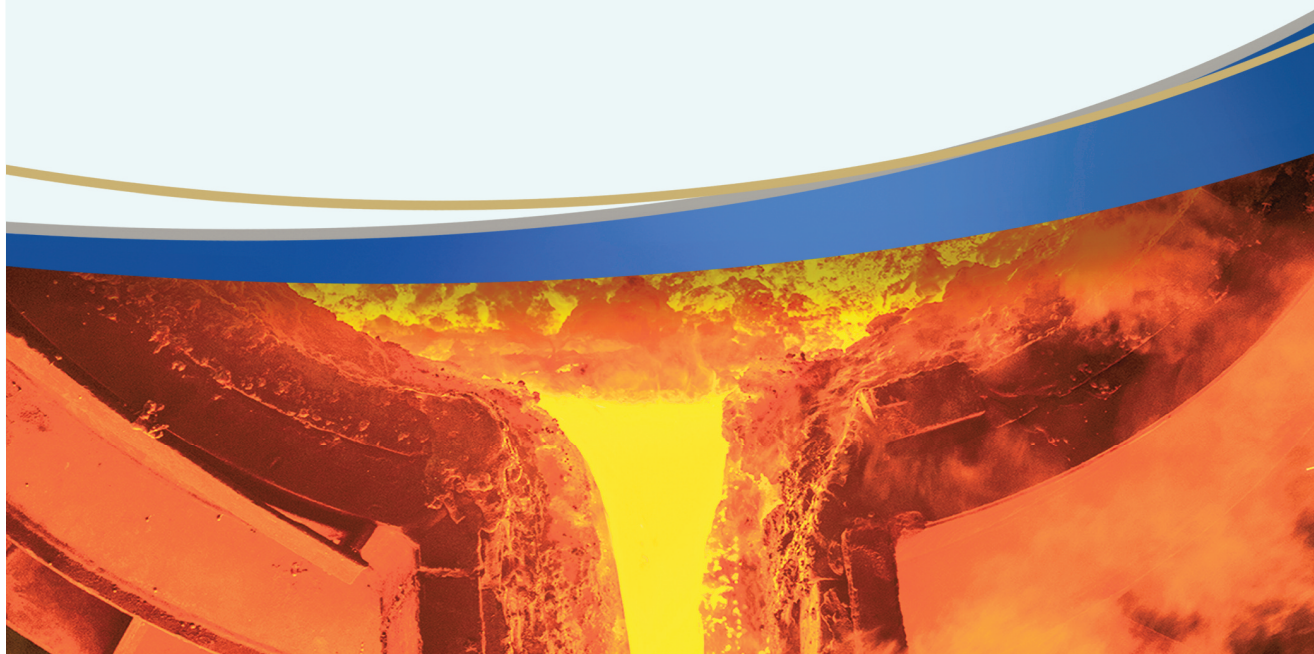
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ABSTRACT:

Automotive steel products are manufactured in the UK by Tata Steel and sold globally. A typical product consists of an annealed steel strip with an applied zinc coating. Subsequent organic and inorganic coatings can be applied to the steel following annealing or galvanizing using a roller coating system known as the chemcoater.

These products are applied in order to add value to the steel or make the product more attractive to the customer. Coatings that can be applied might include those that prevent corrosion, improve lubricity, enhance surface passivation or add a smart functionality, with the ultimate aim of adding value to the steel product.

This poster presentation will expand on this by exploring some potential coatings that could be applied to the steel using the chemcoater system.



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