

ArcelorMittal AS180 Aluminized steel

Category : Metal , Ferrous Metal , Alloy Steel

Material Notes:

Applications: Alusi® coating is resistant to heat, high temperature oxidation and corrosion, and offers a high level of reflectivity, making it suitable for applications in a corrosive atmosphere at high temperatures. With its favorable properties, Alusi® can be widely used, allowing a reduction of overall operating costs when used in place of more expensive materials. Its high level of reflectivity makes it an ideal coating for thermal insulation applications. **Parts:** Insulating heat shieldsEngine heat shieldsExhaust systemsFuel tanksBiodiesel filtersMachinery casingsUnderbody parts**Technical characteristics:**Surface appearance: Alusi® has a shiny surface (high reflectivity) with coating spangles visible to the naked eye. Alusi® retains its original appearance up to 400°C with a reflectivity level of 80%. **Coating:** Composed of 90% aluminum and 10% silicon, Alusi® is split into one ternary layer of alloy at the steel-coating interface, ranging from 4 to 7 microns, and an overlay of binary aluminum-silicon alloyInformation provided by ArcelorMittal

Order this product through the following link:

http://www.lookpolymers.com/polymer_ArcelorMittal-AS180-Aluminized-steel.php

Physical Properties	Metric	English	Comments
Coating Weight	>= 180 g/m ²	>= 113 lb/ream	

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