

ArcelorMittal ZA300 Steel coated with galfan zinc-aluminum alloy

Category : Metal , Ferrous Metal , Alloy Steel

Material Notes:

Applications: The ductility and strong anti-corrosion properties of galfan make it a coating highly suited for deep-drawn parts and parts requiring a high level of corrosion protection. In certain applications, a 10 micron galfan coating can replace a 20 micron galvanized coating, providing better weldability, drawability, and corrosion resistance. Galfan can thus reduce costs, simplifying secondary processes and eliminating the need for post-treatment.. It can be used to replace thick galvanized coating and post-galvanizing treatments.

Parts:Electric motor housingsFilter, airbag cartridgesWindscreen wipers and mechanismDoor platesWindow drive railsOil

sumpsElectronics boxes**Technical characteristics:**Surface appearance: Galfan has a cellular surface which appears mottled. Unpainted galfan acquires a patina over time, its initial metallic appearance dulls to a matte gray.**Hardness:** The coating, composed of 95% zinc and 5% aluminum, has a eutectic structure lending it excellent ductility and the thin intermetallic layer at the steel/coating interface guarantees excellent coating adhesion. These two properties enable galfan to be used for making components that are particularly difficult to form.

Surface finish: The three surface finishes defined in the EN 10327 standard are available to suit customer requirements.**Information provided by ArcelorMittal**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ArcelorMittal-ZA300-Steel-coated-with-galfan-zinc-aluminum-alloy.php

Physical Properties	Metric	English	Comments
Coating Weight	>= 300 g/m ²	>= 188 lb/ream	double-side

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