

Technology for easy and strong resin/metal bonding

Dry process, low cost, quick & simple joining technology!

Overview

Conventional technologies for joining metal and resin include mechanical fastening with rivets, bolts, nuts, etc. and adhesive bonding, but the former has problems such as poor airtightness and increased number and weight of parts in the bonding area, while the latter has low adhesive strength due to the lack of adhesives for thermoplastic resins and low reliability in long-term use.

The present invention relates to a technology for joining resin and metal simply, firmly, quickly, and at low cost, which differs from the above methods in that it is a dry process, does not require expensive equipment, and is not a wet process, thus eliminating the need for waste liquid treatment.

Product Application

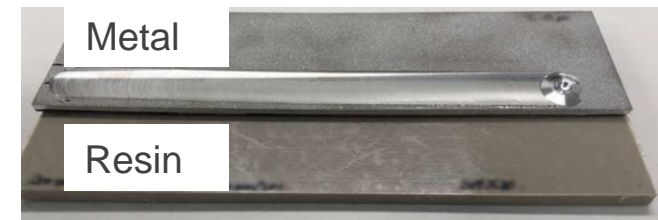
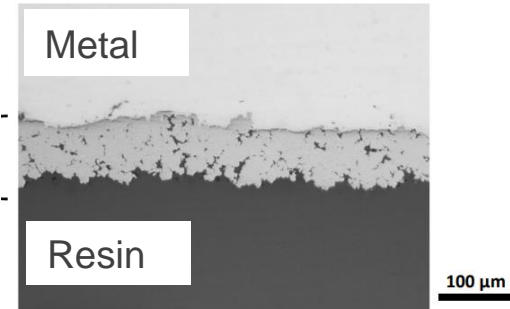
- ❑ Composites in automobiles
- ❑ Transportation equipments
- ❑ Electronic and electrical components, etc.

IP Data

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Features·Outstandings

Porous structure on the surface



Please feel free to contact us with any requests you may have for joining metals and resins.

Contact