Glass Open Book

Sentes-BIR FORTECOAT Surfacing Powders

Thermal Surfacing Powders (Welding Powders) and Additive Manufacturing Powders Producer

Follow the company

Description:

Sentes-BIR provides high performance products for the glass container industry.

Sentes-BIR offers FORTECOAT range gas atomized, self-fluxing nickel based, Co based and Tungsten Carbide thermal surfacing powders for fusewelding, flame spray, PTA, HVOF and laser cladding processes with succesfull results in glass industry.
Sentes-BIR's proprietary gas-atomization process ensures satellite-free, homogeneous and consistent powders. These perfectly spherical particles increase in the flow rate through spraying system passages, with fewer disturbances due to satellites.
The chemistry and particle size of FORTECOAT fusewelding (powder welding) powders are carefully controlled to insure consistent high quality coating properties. Coating hardness is in the range of HRC 15 – 37, depending on the specific alloy chosen.
In glass industry, due to their superior characteristics for edges and corner building, these powders are used for manufacturing original parts and also for repair of mould parts.
Fusewelding (powder welding) welding commonly used in glass industry on these parts:
· Complete Moulds
· Moud Necks
· Funnels
· Bottom Plates
· Baffles
· Guide Rings
· Neck Rings
· Mould Bott oms
· Mould Pr eforms
· Blow Head
· Holders and Supports

The chemistry and particle size of ForteCoat PTA powders are carefully controlled to insure consistent high quality coating properties. Coating hardness is in the range of HRC 20 – 35,
depending on the specific alloy chosen.

PTA (Plasma Transferred Arc) welding method enables a metallic bonding with the both cast iron and bronze base materials. PTA welding commonly used in glass industr y on these parts:
· Complete Moulds
· Bottom Plates
· Guide Rings
· Neck Rings
· Mould Bott oms
· Mould Preforms

Location: Turkey

Sectors: Glass container, Glassware

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Activities:	Consumables supplier

Contact information

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