

ARCWEL 2020- SF FOR METAL POWDER- WELDING

FEATURES& APPLICATIONS:

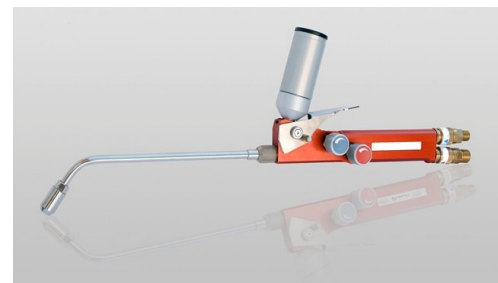
- **Nickel base** powder for joining and overlaying of parts where **machinability** and good bonding is of prime importance
- Used as a bonding layer and filler powder when applying **tungsten carbide** (TCI) inserts or composite rods **to stabilizers**.
- For build ups on glass, press or plastic injection molds, exhaust manifolds, repair of cylinder heads , casting defects etc. .
- Good resistance on metal to metal friction
- Can be applied with Powder welding torches such us ARCWEL 2010, Colmonoy Fusewelder, Eutalloy Superjet .
- **Excellent machinability** & high corrosion resistance.
- Will bond on Cast iron, Steel ,Stainless steel and Nickel Alloys

Properties	Typical Values
Hardness	16--21 HRC
Chemical Composition	Ni, Si, B, P
Melting Point (°C)	975
Powder Grain size * * other grain sizes on request	20/106 µm
Density g /cm ³	4.7
Deposition rate kg/hour	0.5-2.5
Specific Gravity	8.45
Build up thickness possible	0.2– 12 mm
Service temperature (°C) max.	Up to 600

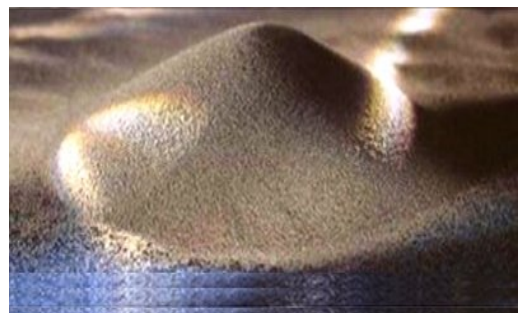
Standard Packaging : 5kg Pots/Bottles
Carton/Box : 4 Pots /Bottles



For glass mold edge repair



**POWDER WELDING TORCH
ARCWEL 2010 SF-A**



Disclaimer:

The information and data presented herein are typical or average values. Application suggested are made solely for the purpose of illustration to enable the reader to make his own valuation and are not intended as warranties.

Arcwel reserves the right to alter specification without further notice.

Health & Safety : Observe safety regulations (fumes) MSDS available on request www.arcwel.com

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