

POSTALLOY® 2832-SPL

DESCRIPTION

POSTALLOY® 2832-SPL is a premium chromium carbide alloy that has a high volume fraction of carbides dispersed in a hard matrix. For applications involving high abrasion and mild or moderate impact. Deposit polish in service and are heat resistant to 1000°F(531°C). Use on carbon and low alloy steels.

SPECIFICATIONS

Wire Type: Metal-cored, Open-arc or gas shielded | Shield with Co2 Gas or Co2/Argon Mix Gas

Weld Deposit Properties:

Average Hardness: 58 - 62 Rc per ASTM E.18.0 & Mil 2540.0

Deposit thickness: 1-2 layers

Deposits cannot be flame cut

APPLICATIONS

- Scraper blades
- Road ripper teeth
- Bucket teeth bucket sides and bottoms
- Tillage tools
- Auger flights
- Screw conveyors
- Mixer blades
- Fan blades
- Logging grapples

WELDING PARAMETERS (POLARITY - DC STRAIGHT OR REVERSE)

Diameter	.045"(1.2mm)	1/16"(1.6mm)	7/64"(2.8mm)
Current <i>amps</i>	140-200	170-300	250-450
Voltage (DCSP) <i>volts</i>	18-24v	22-28v	26-30v
Stickout <i>inch (mm)</i>	3/4"-1 1/4"(18-30mm)	1"-1 1/2"(25-38mm)	1 1/2"(38mm)
Gas Flow <i>cfh (l/min)</i>	NA	NA	NA

When welding out of position, use .045 with straight polarity and the lower range of amperages and voltages. Weld vertical down with 3/4"(18mm) wide weave beads. A gas cover will be helpful, especially when using a current power source and voltage sensing feeder.

PACKAGING

Diameter	.045"(1.2mm)	1/16"(1.6mm)	7/64"(2.8mm)
25 Lb. Spools	Standard	Standard	NA
55 Lb. Coils	NA	Available	Standard
110,220 Lb. Drums	Available	Available	Standard

Alternative Welding Electrode - **POSTALLOY® 214**