

# POSTALLOY® 2832-SPL (850-O/G)



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## Description

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 530°C. Use on carbon and low alloy steels.

## Specifications

**Product Type:** Metal-cored, open-arc or gas-shielded

Deposits are slag-free

### Weld Deposit Properties

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

Deposit Thickness: 1 to 2 layers

Deposits cannot be flame cut

Deposits will check-crack to relieve stresses

## Applications

Scrapper blades

Auger flights

Road ripper teeth

Screw conveyors

Bucket teeth bucket sides and bottoms

Mixer blades

Tillage tools

Fan blades

## POSTALLOY® 2832-SPL Welding Parameters

**Current:** DC Straight or Reverse Polarity

Diameter	Amps	Volts
1.2mm	140-200	18-24
1.6mm	170-300	22-28

When welding out of position, use 1.2mm with reverse polarity and lower range of amperages and voltages. Weld vertical down with 16-20mm wide weave beads. A gas cover will be helpful, especially when using a constant current power source and voltage sensing feeder.

## Packaging Options

Diameter	Standard Packaging
1.2mm	11.4kg spool
1.6mm	11.4kg spool

Diam.	11.4 kg Spool
1.2mm	PHF850-O12
1.6mm	PHF850-O16

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