

POSTLE INDUSTRIES, INC.



P.O. Box 42037 • Cleveland, Ohio 44142

Fax: 216-265-9030 • Phone: 216-265-9000 • Toll Free: 800-321-2978

E-Mail: sparky@postle.com • Web Site: www.postle.com

Data Sheet

POSTALLOY® 2842-SPL

Description

A high performance chromium carbide alloy that has a high volume fraction of multi-component carbides dispersed in a tough 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
Deposits are slag-free

Weld Deposit Properties:

Average Hardness: 58 - 62 Rc 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

Welding Parameters - DC Straight or Reverse Polarity

Diameter	.045" (1.2mm)	1/16" (1.6mm)	7/64" (2.8mm)
Current <i>amps</i>	NA	NA	250-450
Voltage (DCRP) <i>volts</i>	NA	NA	26-30
Stickout <i>inch (mm)</i>	NA	NA	1½" (40mm)
Gas Flow <i>cfh (l/hr)</i>	NA	NA	NA

Packaging

Diameter	.045" (1.2mm)	1/16" (1.6mm)	7/64" (2.8mm)
25 Lb. Spools	NA	NA	NA
55 Lb. Coils	NA	NA	Standard
110, 220, 500 Lb. Drums	NA	NA	Standard

Alternative Welding Electrode - Postalloy 214