



HARDFACE

TECHNOLOGIES

by POSTLE INDUSTRIES

Hardfacing Products for the Recycling Industry

Postalloy® Super Edge for Edge Retension

Postalloy® Super Edge is an abrasion resistant, gas shielded, modified high speed tool steel hardfacing wire designed for applications where edge retention is a primary concern.



Postalloy® Super Edge helps increase the life of cutting knives.

Applications Include:

- Shear blades
- Cutting tools
- Tire recycling knives
- Average Hardness is 60-65 Rc

Postalloy® Ultra-Shred 580 Carbide Tool Steel

Postalloy® Ultra-Shred 580 is a martensitic tool steel hardfacing type alloy with numerous tightly packed carbides for excellent abrasion resistance under high impact.



The extreme abrasion of tire recycling is no match for Postalloy® Ultra-Shred 580.

Applications Include:

- Tire recycling knives
- Cutting tools
- Shear blades
- Average Hardness is 57-60 Rc

Postalloy® 2820-SPL Chromium Carbide

Postalloy® 2820-SPL is a chromium carbide hardfacing alloy that produces a controlled microstructure of specially sized carbides in a very tough matrix. For applications involving high impact combined with abrasion.

Applications Include

- Final overlay on crusher jaws
- Impact breaker bars
- Cone and roll shells
- Pulverizing hammers
- Hammer mill hammers
- Recycling concrete
- Average Hardness is 47-52 Rc

Postalloy® 2834-SPL High Chromium

Postalloy® 2834-SPL is a high chromium hardfacing alloy that produces a high volume fraction of wear resistant chromium carbides in a tough alloy matrix that is designed for a high abrasion or abrasion combined with moderate impact.

Applications Include:

- Concrete and asphalt recycling
- Crusher rolls
- Shredder & fibrizer hammers
- Crusher jaws and cones
- Gyrator crusher mantles
- Average Hardness is 55-60 Rc

Postalloy® PS-98 Hardfacing Matrix

Postalloy® PS-98 is a metal-cored, triple deoxidized, iron based hardfacing matrix wire, alloyed with chromium and molybdenum. It is primarily used as a matrix wire for the MIG Carbide Embedding Process and will consistently provide an even distribution of carbide particles throughout the entire weld deposit.



Postalloy® PS-98 helps increase the life of wood chippers and hammers 300% or more.

Applications Include:

- Wood chippers
- Hammers for recycling wood-waste
- Hammers for recycling biomass
- Hammers for recycling landscaping, landfill

- Asphalt shingle recycling
- Tub grinding
- Average hardness is 55-60 Rc

Postalloy® 2832-SPL Chromium Carbide

Postalloy® 2832-SPL is a premium chromium carbide alloy that has a high volume fraction of carbides dispersed in a hard matrix. For applications including high abrasion and mild or moderate impact.

Applications Include:

- Asphalt grinders
- Concrete augers
- Shredder & fibrizer Hammers
- Scraper blades
- Average Hardness is 58-62 Rc

Postalloy® 2829-SPL High Hardness Overlay

Postalloy® 2829-SPL is a high hardness overlay well suited for application involving high abrasion or abrasion combined with mild impact.

Applications Include:

- Asphalt grinders
- Concrete augers
- Scraper blades
- Average Hardness is 64-68 Rc

Postalloy® 215HD Chromium Carbide

Postalloy® 215HD is a chromium carbide tubular hardfacing electrode with extremely good abrasion resistance coupled with mild to moderate impact resistance.

Applications Include:

- Shredder & fibrizer hammers
- Chutes, liner plates
- Scraper and grader blades
- Average Hardness is 58-62 Rc

For more information on how to obtain the maximum life of your equipment please contact Mike Korba or Klint Smith at (216) 265-9000. mkorba@postle.com · ksmith@postle.com