

BLACK BEAUTY

AGGREGATE SANDBLASTING

MANUFACTURER:

Harsco Corporation
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DISTRIBUTED BY:

Ace Crete/New Jersey Pulverizing Co.
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SLAG PRODUCTS

PRODUCT DESCRIPTION:

BLACK BEAUTY® is a product of Boiler Slag. It is angular sharp and meets many specifications including Mil Spec S-22262 ships.

USES:

- General purpose repair and maintenance
- Blasting and removal of paint and mill scale
- Aggregate exposure

Coverage:

Each 100 pound bag is approximately 0.75 cubic foot.

Packaging:

Available in 100 pound multi-wall paper bags.

Color:

Black

TECHNICAL DATA:

Meets many specs including US Navy S-22262.

Moh Hardness.....	6-7
Specific Gravity	2.70
Water Solubility	Negligible
Free Silica	Less than 1%
Particle Shape.....	Angular sharp

Typical Chemical Analysis:

Silicon Dioxide	47.20%
Aluminum Oxide	21.39%
Titanium Dioxide	1.01%
Ferric Oxide	19.23%
Calcium Oxide	6.80%
Magnesium Oxide.....	1.47%
Potassium Oxide	1.60%
Sodium Oxide	0.62%

CAUTION:

Use appropriate NIOSH certified respiratory protection when exposure limits may be exceeded. Maintain sufficient ventilation.

WARRANTY:

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product "as is" and without warranties, expressed or implied, from either Ace-Crete/New Jersey Pulverizing Products or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or pay for any material proved defective, with our liability limited to the purchase price of materials supplied by us. It is the user's obligation to use this product safely.

BLACK BEAUTY® GRADATION SPECIFICATIONS	
TYLER/US	% RETAINED
No. 8/8	-0-
No. 10/12	0-10
No. 14/16	20-45
No. 20/20	20-45
No. 28/30	10-30
No. 35/40	0-10
No. 48/50	
No. 65/70	
No. 100/100	
Pan	0-5

This BLACK BEAUTY® "profile guide" shows ranges achieved with medium grade BLACK BEAUTY® abrasive with a controlled environment in a blast cabinet designed by Reed Minerals. The controlled environment consisted of 100 psi at the nozzle, nozzle to surface distance of 18" ± 3", a 1/2" orifice, long venturi nozzle, on new 1/2" grade A36 steel, with a blast angle of 75° to 105°.

Some variance in the profile can be noted by the profile ranges even in a controlled environment. Reed Minerals cannot guarantee similar profile results with BLACK BEAUTY® abrasives in the field where variables exist.

