



Ultrablast - Nickel Slag

Opta Minerals your source for Blast Cleaning Abrasives:

- Aluminum Oxide
- Blackblast - Coal Slag
- Chilled Iron Grit
- Corn Cobs
- Ebonygrit - Copper Slag
- International Garnet
- Garnet
- Glass Beads
- Greengrit - Crushed glass
- Plastic Media
- Powerblast LS - Staurolite
- Super Steel Shot
- Super Steel Grit
- Ultrablast - Nickel Slag
- Walnut Shells
- Blast Cleaning Equipment

Contact Us

Our sales team is ready to help you to determine the right product for your job.
 For more information please call us:
 Toll-free: 888-689-6661
 Tel: 519-720-9694
 E-mail: info@optaminerals.com
 Visit: www.optaminerals.com

Ultrablast is a high-density disposable blasting slag made from a by-product of nickel production. It is an ideal abrasive for general-purpose use, including shipyards, bridges and general industrial blast cleaning. Tests have shown nickel slag to provide high productivity improvements over traditional abrasives.



ADVANTAGES OF ULTRABLAST - NICKEL SLAG

- High density slag for higher production rates
- Non reactant - will not interfere with coatings
- Non detectable free crystalline silica

AVAILABLE SIZES AND GRADES

Size	Profile	Use
#UB 12-40	4.0-5.0 Mil	Heavy-duty size for the removal of thick, tough old paint, heavy rust from ships, bridges, tanks, rail cars, etc., and for achieving a coarse profile
#UB 16-40	3.5-4.5 Mil	All-Purpose size for cleaning structural steel, bridges, tanks, ships, water towers, etc.
#UB 30-60	2.5-3.5 Mil	Utility size for the removal of light rust, paint and mill scale
#UB Fine	2.2-3.2 Mil	Our finest nickel slag, for achieving a smoother profile

HOW DOES ULTRABLAST - NICKEL SLAG PERFORM?*

Cleaning rate:	295-415 ft ² /hour
Consumption:	3.0-5.0 lb/ft ²

*Based on internal tests. Rates vary based on blasting pressure and nozzle size.

TECHNICAL SPECIFICATIONS (IN %)

Symbol	Name	Percentage
Fe ₂ O ₃ + FeO	(Iron Oxide)	30-37%
SiO ₂ (total)	(Silicon Dioxide)	32-42%
Al ₂ O ₃	(Aluminum Oxide)	3-10%

TECHNICAL SPECIFICATIONS (IN %)

Symbol	Name	Percentage
MgO	(Magnesium Oxide)	5-12%
CaO	(Calcium Oxide)	3-6%
Cr ₂ O ₃	(Chromium Oxide)	2-3%
Ni	(Nickel)	0.1-1.0%
SiO ₂	(Crystalline Silica)	0.3%

CHARACTERISTICS

Colour:	Black
Bulk Density:	115 lbs/ft ³
Specific Gravity:	3.5
Grain Shape:	Angular
Solubility:	Insoluble
Hardness:	> 7 Mohs

PACKAGING

55 lb paper bags, 56 bags/pallet
 3000 lb Super Sacs
 Bulk (blower truck or rail hopper cars)