



## 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 XC - Staurolite
- Powerblast GS - Indian Garnet
- Super Steel Shot
- Super Steel Grit
- Sodium Bicarbonate (Soda Blasting)
- Ultrablast - Nickel Slag
- Walnut Shells
- Blast Cleaning Equipment

## Contact Us

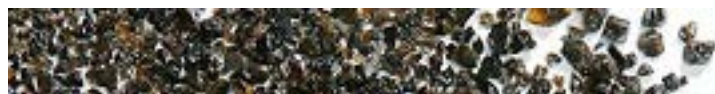
Contact us today and let our experienced sales team help you find the right product to meet your needs. For more information please call us:  
 Toll-free: 1-888-689-6661  
 Tel: (905) 689-6661  
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 www.optaminerals.com

## Blackblast – Coal Slag

Blackblast is a blast-cleaning abrasive made of coal slag from coal-fired power plants. This abrasive is considered to be one of the safest non-recyclable industrial blasting media, and is most commonly used for blasting of coated or uncoated metal and concrete surfaces.

Blackblast is widely used for the surface preparation of ships, water tanks, bridges, steel constructions, off-shore drilling rigs, rails cars, etc.

Blackblast complies with the newest abrasive specifications and California Air Resource Board Standards



### ADVANTAGES OF BLACKBLAST – COAL SLAG

- Fast cutting
- Non-reactant – will not interfere with your coatings
- Easy cleanup
- Low free-crystalline silica, less than 0.1%

### APPROVAL

- California Air Resource Board (CARB)
- QPL Approved
- Meets SSPC AB-1 Specification: Type II – Slag Abrasives, Class A - Crystalline silica less than or equal to 1.0%

### TECHNICAL SPECIFICATIONS

Symbol	Name	Percentage
SiO <sub>2</sub>	(Silicon Dioxide, Total)	~46.5%
Al <sub>2</sub> O <sub>2</sub>	(Aluminum Oxide)	~22.5%
Fe <sub>2</sub> O <sub>3</sub>	(Iron Oxide)	~19.0%
CaO	(Calcium Oxide)	~5.5%
MgO	(Magnesium Oxide)	~1.0%
TiO <sub>2</sub>	(Titanium Oxide)	~1.0%
SiO <sub>2</sub>	(Crystalline Silica)	<0.1%
	Loss on ignition (LOI)	~3.0%

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**AVAILABLE SIZES AND PROFILES**

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Size	Profile	Use
Utility #8-40	3.5 - 5.5 Mil	for the tough blasting job
Medium #12-40	2.5 - 4.0 Mil	for the tough blasting job
Medium Fine #20-40	2.0 - 3.5 Mil	general blast cleaning
Fine #30-60	1.0 - 2.5 Mil	general blast cleaning on delicate substrates when a smooth finish is required
Extra Fine #50-150	0.5 - 1.5 Mil	when a very smooth finish is required

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**CHARACTERISTICS**

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<b>Colour:</b>	Black
<b>Bulk Density:</b>	90 lb/ft <sup>3</sup>
<b>Grain Shape:</b>	Angular
<b>Solubility:</b>	Insoluble
<b>Hardness:</b>	> 7 Mohs (see our hardness index)

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**PACKAGING**

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