

Blackblast

BENEFITS OF BLACKBLAST:

- No detectable “crystalline silica”
- Does not contain any heavy metals
- Free of chlorides and other salts
- Sharp angular grain shape; even very effective at lower pressures
- Suitable in any type of pressure blast cleaning equipment

OPTA MINERALS FOR ALL YOUR BLASTING ABRASIVE NEEDS:

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

Information Bulletin

Blackblast, a coal slag, is an aluminum silicate blast cleaning abrasive, made from coal slag from coal fired power plants.

Blackblast is available in 3 sizes:

- Utility (#12-40)
- Medium (#20-40)
- Fine (#30-60)

The **Utility size** is used for the tough blasting job and also when a coarse profile is required.

The **Medium size** is used for general blast cleaning and repair jobs, and for achieving an average profile.

The **Fine size** is used for all sort of blast cleaning jobs and on delicate substrates when a smooth finish is required

Technical Data

SiO ₂ (Silicon Dioxide, Total)	46.5%
Al ₂ O ₃ (Aluminum Oxide)	22.5
Fe ₂ O ₃ (Iron Oxide)	19.0
CaO (Calcium Oxide)	5.5
LOI	3.0
MgO	1.0
K ₂ O	1.0
TiO ₂	1.0
SiO ₂ (Crystalline Silica)	< 0.1

Appearance:

Color:	Black
Bulk Density:	90 lbs/ft ³
Grain shape:	angular
Solubility:	insoluble
Hardness:	> 7 Mohs

Available Sizes and Profiles:

- #12-40, provides 3.0 Mil
- #20-40, provides 2.2 Mil
- #30-60, provides 1.0 Mil

How does BLACKBLAST perform:

Cleaning rate*
Ranges between 248 – 290 ft/hour

Consumption*
Ranges between 2.1 – 5.1 lb/ft²

**Based on internal company testing trials.*

Packaging:

- In Bulk
- In 50lb paper bags
- 3000lb supersacs

OPTA MINERALS has production and warehouse facilities in the following locations:

Waterdown, ON; Lachine, QC;
St-Bruno-de-Guigues, QC; Brantford, ON;
St-Germain-de-Grantham, QC; Norfolk, VA;
New Orleans, LA; Los Angeles, CA;
Hardeeville, SC; Attica, NY; Baltimore, MD;
Keeseville, NY; Walkerton, IN; Milan, MI;
Richfield, OH.