

BLACK BEAUTY® GLASS Abrasives

Product Specification Sheet

CUSTOMER SERVICE

1-888-733-3646

Grades

COARSE: For industrial applications, bridges, tanks, steel construction and fabrication.

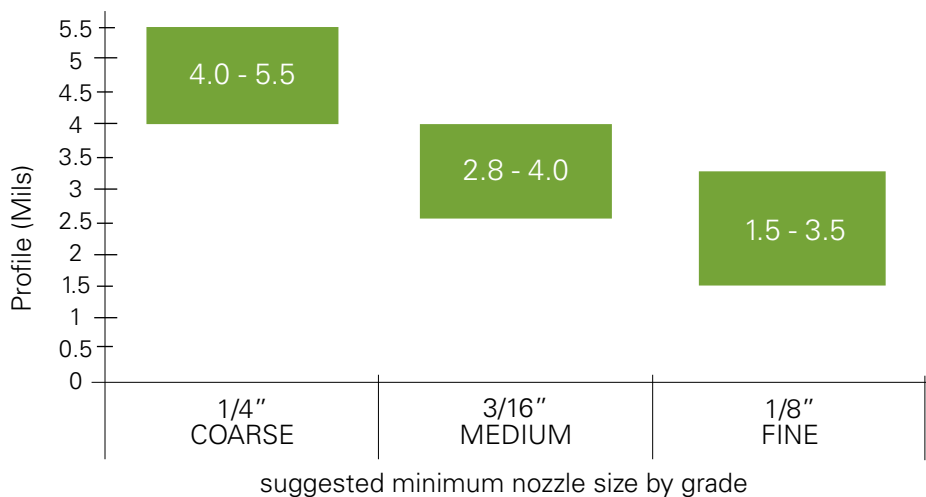
MEDIUM: For industrial applications, bridges, tanks, steel construction and fabrications, where a reduced profile is desired.

FINE: To clean surfaces and create a smooth finish. Suggested applications include automotive, fiberglass, hobby and soda blast alternative.

Profile Guide

The guide shows profile ranges achieved with different grades of BLACK BEAUTY® GLASS abrasives with a controlled environment using a blast cabinet designed by Harsco's technical team. The controlled environment consisted of 90-100 psi at the nozzle, nozzle to the surface distance of 18", a 1/4" orifice venturi nozzle, on new 1/8" 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. Harsco cannot guarantee identical profile results with BLACK BEAUTY® GLASS abrasives in the field where variability exists.



Features & Benefits

- Less than 1% free silica
- Non-reactive, chemically inert
- Uniform density
- Produces white metal finish
- Increased visibility & production
- Passes 40CFR 261.a (TCLP)
- Passes California Title 17 (CARB)
- QPL Approved: MIL-A-2262B(SH)
- SSPC AB-1

Product Data

Low Free Silica...less than 1%

Particle Shape...angular

Hardness...6-7 on the Moh's scale

Bulk Density...65-85 lbs per cubic foot

Specific Gravity...typically 2.5

Moisture Content...less than 0.5%

Chemical Analysis (Typical)

Silicon Dioxide	66-88%
Iron Oxide	<0.5%
Aluminum Oxide	0.0-7.0%
Calcium Oxide	0.0-15%
Magnesium Oxide	0.0-5.0%
Potassium Oxide	0.0-5.0%
Titanium Oxide	0.0-1.0%
Silicon dioxide, crystalline	<1%
Manganese	0.0-0.001ppm
Beryllium	0.0-0.001ppm
Cadmium	0.0-0.001ppm

Specific data may be obtained by contacting Harsco at 1-888-733-3646.

BLACK BEAUTY® Abrasives

Product Specification Sheet Cont.

Product Data (Typical)

Free Silica...less than 0.1%
Particle Shape...angular, sharp
Hardness...6 to 7 on the Moh's scale
Bulk Density...75-100 lbs per cubic ft
Specific Gravity...2.73
Moisture Content...less than 0.5%



Chemical Analysis (Typical)

Silicon Dioxide	48.78%
Aluminum Oxide	20.97%
Ferric Oxide	19.08%
Calcium Oxide	6.02%
Potassium Oxide	1.67%
Titanium Dioxide	0.94%
Magnesium Oxide	0.90%
Sodium Oxide	0.62%

Specific data may be obtained by contacting Harsco at 1-888-733-3646.

Features & Benefits

- Less than 0.1% free silica
- Hard angular particles
- Uniform density
- Low friability
- Low dusting
- Chemically inert
- Passes 40CFR 261.a (TCLP)
- Passes California Title 17 (CARB) (selected certified plants)
- QPL Approved: MIL-A-2262B(SH) (selected plants only) SSPC AB-1 (all plants)

Proven. Trusted. Reliable.
For nearly 80 years.