

Amber Blast™

Non-Crystalline Silica Abrasive Green Lake, Wisconsin Plant

Amber Blast™ is an blasting abrasive alternative to silica sand and other common abrasive media. Consisting of angular, highly uniform grains, Amber Blast™ produces exceptional cutting rates. All Amber Blast™ grades are treated with a dust suppressant.

TEST METHOD	UNITS (MESH)	AB#2 (12-30)	AB#3 (16-50)	AB#4 (30-60)
Typical Sieve Ranges (% Retained)	8	0	0	0
	12	0.1	0	0
	16	39.6	0.2	0
	20	35.2	27.9	0
	30	20.4	34.0	12.1
	40	4.3	27.0	47.3
	50	0.4	9.8	30.3
	60	0	0.8	7.5
	70	0	0.2	2.8
	100	0	0	1.0

Anchor Pattern Profile Tape	mils	3.5 - 4.5	2.5 - 3.5	2.0 - 3.0
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Chemical Analysis

Calcium Oxide (CaO)	37.18%
Silicon Dioxide (SiO ₂)	35.79
Aluminum Oxide (Al ₂ O ₃)	18.67
Titanium Dioxide (TiO ₂)	4.90
Magnesium Oxide (MgO)	1.51
Iron Oxide (Fe ₂ O ₃)	1.33
Phosphate (P ₂ O ₅)	0.38
Sodium Oxide (Na ₂ O)	0.13
Potassium Oxide (K ₂ O)	0.08
Manganese Oxide (MnO)	0.02
Barium Oxide (BaO)	0.01
Free Silica	BLD ¹

¹Below The Estimated Limit of Detection For The Method (Less Than 0.005 mg)

Physical Properties

Mohs Hardness:	6.2 – 6.3
Shape:	Uniform, Angular Grains
Specific Gravity:	2.85
Color:	Amber
Bulk Density:	90 ± 2 lb/ft ³ Untapped

WARNING

AVOID BREATHING DUST FROM THIS PRODUCT

Prolonged exposure may aggravate pre-existing lung conditions, such as asthma and emphysema. Material may be irritating to skin and eyes. Use all proper safety equipment, including protective clothing and eye and ear protection. Refer to 29 CFR 1910.94, 1926.57, and 1915.34 for Abrasive Blasting requirements. We recommend that OSHA/NIOSH approved respirators and safety hoods be used at all times. Consult Material Safety Data Sheet (MSDS) before using. Free MSDS available by calling Epic Minerals LLC at 1-800-849-3194.

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