

Hess Grade SBF

(Sand Blast Fine)

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PARTICLE SIZE SPECIFICATION GRADE SBF

SIZE		ALLOWABLE PERCENT PASSING
MICRON	U.S. MESH	
150	100	99.5-100
125	120	95-100
106	140	88-98
75	200	58-72

TEST METHOD: ASTM C136-06

LOOSE BULK DENSITY GRADE SBF

58 lbs/per cubic foot (ASTM C29)

CHEMICAL ANALYSIS AND PHYSICAL PROPERTIES

Chemical Name: Amorphous Aluminum Silicate

TYPICAL ANALYSIS	GENERAL PROPERTIES
• Silicon Dioxide: 76.2%	• Appearance: White powder
• Aluminum Oxide: 13.5%	• Hardness (MOHS): 6
• Ferric Oxide: 1.1%	• pH: 7.2
• Ferrous Oxide: 0.1%	• Radioactivity: None
• Sodium Oxide: 1.6%	• Softening Point: 900 degrees C
• Potassium Oxide: 1.8%	• Water Soluble Substances: 0.15%
• Calcium Oxide: 0.8%	• Loss on Ignition - 5%
• Titanium Oxide: 0.2%	• GE Brightness: 84
• Magnesium Oxide: .05%	• Specific Gravity: 2.35
• Moisture: <1.0%	• Reactivity: Inert
• Crystalline SiO ₂ : None Detected	(except in the presence of calcium hydroxide or hydrofluoric acid)

DESCRIPTION

Amorphous (non-crystalline) in structure and composed primarily of aluminum silicate, pumice is a naturally calcined volcanic glass foam consisting of highly vesicular strands permeated with tiny air bubbles. It is these frothy, friable glass vesicles that, when carefully refined to various grades, give pumice its unique and infinitely useful qualities.

GRADE APPLICATIONS

Used for: sand blasting, wood finishing, acrylic polishing.

PACKAGING OPTIONS

- 50 lb sacks (palletted)
- 2000 lb super sacks (palletted)
- Bulk shipped in pneumatic rail car or tractor trailer

DISTRIBUTOR NETWORK

We have stocking distributors in 23 countries on every continent except Antarctica, allowing us to deliver pumice quickly and economically worldwide.



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Mining and refining the purest commercial deposit of white pumice on the planet.