

AlZiBlast™

Blasting Abrasive

Product Information

AlZiBlast™

AlZiBlast™ blasting abrasive is a loose blend of aluminosilicate mineral sands that are well-graded and have clean, sub-rounded to sub-angular surfaces. Mined from Chemours' mineral deposits in the southeastern United States, these naturally occurring sands are washed to ensure freedom from dirt, dust, and ultrafines. Readily available in packages and in bulk, AlZiBlast™ is the solution for your general blasting needs.

Applications

AlZiBlast™ is a general-purpose abrasive blasting media used in steel fabrication and maintenance blasting to remove rust, mill scale, and weathered coatings as well as surface preparation of other substrates such as aluminum. AlZiBlast™ is well-suited to prepare surfaces for painting, powder coating, to give texture to precast concrete surfaces, vapor blasting, or to remove sheen from metallic surfaces.



AlZiBlast™ offers the same product advantages as Chemours' other blasting abrasives, such as:

- Greater blasting visibility due to low dust generation
- Lower labor costs through faster, more efficient blasting
- More uniform blasting pattern
- Low free silica, <1%
- Sub-rounded to sub-angular grains result in less abrasive embedment
- Electrically nonconductive
- California Air Resources Board certified
- SSPC AB-1 Certified

Table 1. Mineral, Chemical and Physical Properties of AlZiBlast™ Blasting Abrasive

Typical Screen Analysis**			
U.S. Sieve No.*	Sieve Opening, µm	% Retained on Sieve	
		Mean	Std. Dev.
50	300	6	1.6
70	212	38	4.2
100	150	50	4.6
140	106	6	1.5
200	75	<1	—
270	53	Trace	—
PAN	<53	Trace	—
Grit # 70/100			

*U.S. Sieve Series according to ASTM E-11-70

Physical Properties	
Range	
Bulk Density (loose)	135 lb/ft ³ (2162 kg/m ³)
Specific Gravity	3.1–3.58
Hardness (Mohs)	6.5–7.0

Mineral Composition		
	Typical %**	Max %
Kyanite + Sillimanite	84	—
Corundum	8	—
Quartz	0.5	1.0
Other	7.5	—

**These columns give typical values based on historical production performance. Chemours does not make any expressed or implied warranty that future production will conform to these typical values.

Personal Safety

For safety information, please visit the product Safety Data Sheet (SDS).

Heat, electrostatic charge, or sparks can potentially be created when using this product in abrasive blasting applications. Do not perform abrasive blasting using this product in the presence of flammable or explosive vapors.

Packaging

AlZiBlast™ is available in semi-bulk (2-ton) bags, bulk hopper rail cars, and trucks. Department of Transportation (DOT) Hazard Classification*: NOT REGULATED.

* Due to changing governmental regulations, such as those of the Department of Transportation, Department of Labor, U.S. Environmental Protection Agency, and the Food and Drug Administration, references herein to governmental requirements may be superseded. Each user should consult and follow the current governmental regulations, such as Hazard Classifications, Labeling, Food Use Clearances, Worker Exposure Limitations, and Waste Disposal Procedures for the products described in this literature.

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