Starblast™ Coarse

Blasting Abrasive

Product Information

Starblast™ Coarse is the most aggressive grade of Starblast™ blasting abrasives available. Chemours produces Starblast™ Coarse from mineral deposits in the southeastern United States. This naturally occurring sub-rounded mineral sand is washed to ensure freedom from dirt, dust, and ultrafines. The staurolite sand is then screened and magnetically separated from other heavy minerals to produce a highly uniform grade. Starblast™ Coarse is the solution for your more aggressive blasting needs.

Applications

Starblast™ Coarse should be selected when a heavy coating is to be removed or a deeper profile is needed that cannot be obtained with Starblast™ or Starblast™ Ultra blasting abrasives. Starblast™ Coarse can also be used in specialty applications, like monument cutting and etching.

While more aggressive than other Chemours abrasives, Starblast™ Coarse offers the same product advantages, such as:

- Greater blasting visibility due to minimal dust generation
- Lower labor costs through faster, more efficient blasting
- Less material costs due to recyclability
- More uniform blast pattern
- Guaranteed to contain <3% free silica, typically <2%
- Sub-rounded to sub-angular grains result in less abrasive embedment
- Electrically nonconductive

Personal Safety

For safety information, please see 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

Starblast™ Coarse abrasives are available in 50-pound multiwall paper bags, semi-bulk (1-ton and 2-ton) bags, bulk hopper rail cars, and bulk pneumatic 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Protection Agency, and the Food and Drug Administration, references herein to governmental requirements may be superseded.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.

Chemours™

Table 1. Physical and Mineral Properties of Starblast™ Coarse Blasting Abrasive

Typical Screen Analysis			
U.S. Sieve No.*	Sieve Opening, µm	Retained on Sieve, %	
		Mean	Std. Dev.
20	840	<1	-
30	590	2	0.7
40	420	46	7.5
50	297	50	7.5
70	210	1	0.6
PAN	<210	1	0.3
Grit #30/80			

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

Physical Properties	
	Range
Bulk Density (loose)	141 lb/ft^3 (2259 kg/m^3)
Specific Gravity	3.7–3.85
Hardness (Mohs)	7.0–7.5

Mineral Composition	
	Typical, %*
Staurolite	75
Tourmaline	12
Titanium Minerals	9
Quartz	2.0
Aluminosilicates	0.5
Other	1.5

* This column gives typical analyses based on historical production performance. Chemours does not express or imply any warranty guaranteeing that future production will demonstrate or continue to possess these typical properties.

For more information, visit Chemoursabrasives.com

C-10411-2 (1/19)