

AMAGRIT Stainless Steel Grit



AMAGRIT's high corrosion-resistance makes it the perfect choice for rust-sensitive applications. Use of AMAGRIT improves blast cleaning efficiency, reduces waste and lowers operating costs.

COMBATS RUST AND DUST

- AMAGRIT's chemistry lowers the risk of corrosion from residual abrasive dust remaining on the surface being cleaned.
- The superior durability of AMAGRIT minimizes the dusty environment from rapid breakdown of mineral abrasives.

REDUCES OVERALL COSTS

- The use of AMAGRIT dramatically reduces abrasive consumption and waste disposal costs.

DELIVERS SUPERIOR RESULTS

- AMAGRIT is manufactured for superior hardness and precise microstructure to provide maximum durability and impact energy transfer.



Scan to watch the AMAGRIT video



ERVIN

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AMAGRIT BENEFITS

Corrosion Resistant

An ideal replacement to mineral abrasives, particularly in rust-sensitive applications.

Faster Cleaning

Due to its exceptional durability, it delivers more power to the surface being cleaned, significantly shortening cleaning times.

Cost Effective

100 times more durable than other non-metallic abrasives, so less product is required and disposal costs are reduced.

Environmentally Friendly

Contaminant-free and non-hazardous.

Safer to Use / Dust-free

During use, it is nearly dust-free for a cleaner blasting environment.

AMAGRIT APPLICATIONS

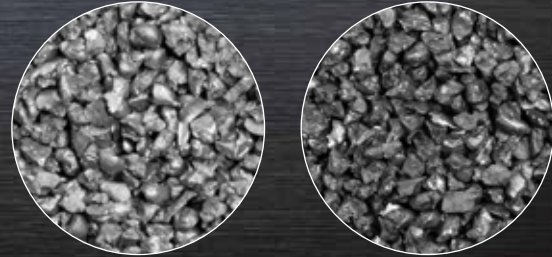
- Aluminum castings and parts
- Stainless steel forgings, structural parts, and welded fabrications
- Zinc pressure die-castings, forgings, and parts
- Corrosion-prone metal surfaces (can replace aluminum oxide or glass beads)
- Railroad cars
- Blast cabinets (as a replacement for aluminum oxide)
- Eliminates residual abrasive corrosion
- Suitable replacement for aluminum oxide and garnet

AMAGRIT PRODUCT SPECIFICATIONS

Microstructure	Martensite / Chrome Carbides	
Shape	Angular	
Hardness	630-690 Hardness Vickers (HV) 57-60 HRC	
Density	7.3 gm/cc	
Chemical Analysis	Carbon	2 – 2.5%
	Silicon	2.5 – 3%
	Manganese	1.2 – 1.65%
	Chromium (metallic)	26 – 30%
Packaging Options	Bags: 55 lbs (25 kg) and 27.5 lbs (12.5 kg) bags based on grit size Carton: 1102 lbs / (20) 55 lbs bags / (500 kg) Bulk Sack: 2204 lbs (1000 kg)	

AMAGRIT 24-Hour Corrosion Test

AMAGRIT before and after a 24-hour temperature and humidity test. No signs of rust demonstrate AMAGRIT's high resistance to corrosion when exposed to environmental conditions of high temperature and high humidity.



BEFORE

AFTER

U.S. SIEVE SIZE	SIEVE OPENING		AMAGRIT SCREENING SPECIFICATIONS					
	(in)	(mm)	SSG-18	SSG-25	SSG-40	SSG-50	SSG-80	SSG-120
12	0.0661	1.70	All Pass					
14	0.0555	1.40	2% max					
16	0.0469	1.18		All Pass				
18	0.0394	1.00		2% max	All Pass			
20	0.0331	0.850			5% max			
25	0.0278	0.710				All Pass		
30	0.0234	0.600	90% min			2% max		
35	0.0197	0.500						
40	0.0165	0.425					All Pass	
45	0.0139	0.355					5% max	
50	0.0117	0.300						All Pass
60	0.0098	0.250		95% min				5% max
80	0.0070	0.180			95% min			
100	0.0059	0.150				99% min		
120	0.0049	0.125					99% min	
170	0.0035	0.090						
200	0.0029	0.075						99% min