

Stainless Steel Grit Technical Data

Sigma Abrasives North America

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Sigma Stainless Steel Grit (Cr Grit) - 30% Cr Stainless Steel Grit

- High Durability
- Aggressive Blast Media

Chemical Composition

Cr 30 - Delta Grit									
	Min %	Max %							
С	1.95	2.20							
Cr	28.00	32.00							
Ni	0.20	1.50							
Si	1.80	2.20							
Mn	0.70								

Benefits of Delta Grit

- Longer life than mineral abrasives and carbon steel grit
- Dust-free blasting
- Eliminates ferrous contamination and leaves a rust-free surface
- Stainless grit will not rust
- Easier to maintain a consistent work mix and achieve a consistent finish
- Significant reduction in inventory and disposal costs

Manufacturing Excellence

Sigma Stainless Steel Grit is manufactured in the most modern production plant in the industry. Sigma Stainless Steel Abrasives are distributed exclusively by Sigma Abrasives throughout North America.

Delta Grit Product Details

Quick Facts

- Cost-effective replacement for aluminum oxide
- Used in applications where a corrosion-free surface is desired or required

Hardness

±59 HRc, Chrome Carbides - 1400 HV

Microstructure

Martensitic / Ferritic with Chrome Carbides

SIEVE NO.	ММ	∆10	∆ 12	∆14	∆15	∆18	∆25	∆40	∆50	∆80	∆120
	3.35										
7	2.80	All Pass									
8	2.36		All Pass								
10	2.00			All Pass							
12	1.70	90% Min			All Pass						
14	1.40		90% Min			All Pass					
16	1.18			90% Min			All Pass				
18	1.00				90% Min			All Pass			
20	.850										
25	.710					90% Min			All Pass		
30	.600										
40	.425						90% Min			All Pass	
50	.300							90% Min			
60	.250										All Pass
80	.180								90% Min		
120	.125										
	.075									90% Min	
											90% Min