

Steel Gritf

Steel gritf characterizes grains with a predominantly angular shape. These grains are obtained by crushing steel shot, therefore they exhibit sharp edges and broken sections. Harder than steel shot, it is also available in different sizes and hardnesses.



Chemical Composition

Carbon	0.6-1.25%
Silicon	0.2-1.1%
Manganese	1.25%Max
Sulphur	0.08%Max
Phosphorus	0.08%Max
Shape	Angular
Density	7 gm/ml Min
Hardness	400-500 HV * With tha lowest and highght * Hardness Ranging From 375-550 HV
Micro Structure	Tempered Martensite
Size	As Per Sieve Analysis Of Steel Gritf IS 4606

Features :

Durable, High strength,
Corrosion resistance,
Resistant to fracture.

Sieve Analysis of Steel Gritf

Screen No.	Screen Size	Metric Size	Gritf Number												
			G 10	G 12	G 14	G 16	G 18	G 25	G 40	G 50	G 80	G 120			
7	0.111	2.80	All Pass												
8	0.0937	2.36		All Pass											
10	0.0787	2.00	85% Min		All Pass										
12	0.0661	1.70	12% Max	85% Min		5% Max	All Pass								
14	0.0555	1.40		12% Max	85% Min		5% Max	All Pass							
16	0.0469	1.18			12% Max	80% Min		5% Max	All Pass						
18	0.0394	1.00				11% Max	80% Min		10% Max	All Pass					
20	0.0331	0.85					11% Max	80% Min		10% Max	All Pass				
25	0.028	0.71						11% Max	75% Min		10% Max				
30	0.0232	0.60							12% Max	75% Min		10% Max			All Pass
35	0.0197	0.50								10% Max					10% Max
40	0.0165	0.425											75% Min		
45	0.0138	0.355											10% Max		
50	0.0117	0.300													70% Min
80	0.007	0.18													10% Max
120	0.0049	0.125													
200	0.0029	0.075													
325	0.002	0.045													
Pan			3% Max	3% Max	3% Max	4% Max	4% Max	4% Max	3% Max	5% Max	5% Max	10% Max			