

ABRASIVE BLAST MEDIA

Steel Grits

Steel grits 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.



Specification As Per Is 4606 of 1983 Chemical Composition

Carbon	0.6-1.25%
Silicon	0.2-1.1%
Manganese	1.25%Max
Sulphure	0.08%Max
Phosphorus	0.08%Max

Shape	Angular
Density	7 gm/ml Min. contains hollow shots of 10% max
Hardness	400-500 HV
Micro Structure	Tempered Martensite

Application

Pipe coating
Surface preparation
Stone cutting
Air blasting

Custom Hardness Grits HrC

GP	40-50
GL	50-60
GH	63+

Size Distribution as per IS 4606 of 1983

Screen No.	Screen Size	Metric Size Std. mm	Grit Number											
			G10/G10	G12/G9	G14/G8	G16/G7	G18/G6	G25/G4	G40/G2	G50/G1	G80/G0	G120		
7	0.111	2.80	All Pass											
8	0.0937	2.36		All Pass										
10	0.787	2.00	85% Min		All Pass									
12	0.0661	1.70	12% Max	85% Min		All Pass	All Pass							
14	0.0555	1.40		12% Max	85% Min		5% Max	All Pass						
16	0.0469	1.18			12% Max	85% Min		5% Max	All Pass					
18	0.0394	1.00				11% Max	85% Min		10% Min	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	All Pass		
30	0.0232	0.60							11% Max	75% Min		10% Max		
35	0.0197	0.50								10% Max	75% Min			
40	0.0165	0.425									10% Max			
45	0.0138	0.355											75% Min	
50	0.0177	0.300												10% Max
80	0.007	0.18												
120	0.0049	0.125												
200	0.0029	0.75												
325	0.002	0.045												
Pan			3% Max	3% Max	3% Max	4% Max	4% Max	4% Max	4% Max	5% Max	5% Max	10% Max		



ISO 9001:2008