

Steel Grit

SPECIFICATIONS

APPEARANCE/SHAPE:	ANGULAR
HARDNESS:	55 ~ 60 HRC
BULK DENSITY:	≥ 4450 KG/M3
PARTICLE	
SPECIFIC GRAVITY:	≥ 7.6 G/CM3
VISCOSITY:	NONE
SMELL:	NONE
SOLUBILITY:	NOT SOLUBLE IN WATER
COLOUR:	BLACK, GREY

CHEMICAL COMPOSITION

Carbon (C):	0.85 ~ 1.2%
Silicon (Si):	0.40 ~ 1.5%
Sulphur (S):	< 0.05%
Phosphorus (P):	< 0.05%
Manganese (Mn):	0.60 ~ 1.2%



Packaging: 40 x 25 kg/bag = 1 tonne pallet

SAE steel grit size specifications:

(Screen opening sizes and screen numbers with max. and min. cumulative percentage allowed on corresponding screens)

Screen No.	Screen Size (in)	Metric Size (mm)	SAE grit number									
			G10	G12	G14	G16	G18	G25	G40	G50	G80	G120
7	0.1110	2.80	0%									
8	0.0937	2.36		0%								
10	0.0787	2.00	≥80%		0%							
12	0.0661	1.70	≥90%	≥80%		0%						
14	0.0555	1.40		≥90%	≥80%		0%					
16	0.0469	1.18			≥90%	≥75%		0%				
18	0.0394	1.00				≥85	≥75%		0%			
20	0.0331	0.850										
25	0.0280	0.710					≥85%	≥70%		0%		
30	0.0232	0.600										
35	0.0197	0.500										
40	0.0165	0.425						≥80%	≥70%		0%	
45	0.0138	0.355										
50	0.0117	0.300							≥80%	≥65%		0%
80	0.0070	0.180								≥75%	≥65%	
120	0.0049	0.125									≥75%	≥60%
200	0.0029	0.075										≥70%

* Note: Data may vary depending on raw materials and manufacturing processes used.

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