

DURAGRIT

TECHNICAL DATA SHEET

PHYSICAL COMPOSITION AND CHARACTERISTICS - SAE J1993

	DURAGRIT SG	DURAGRIT LG	DURAGRIT HG
Hardness HRC (HV)	40-50 (337-509)	53-60 (560-710)	>60(>710)
Microstructure	Fine and Homogeneous Tempered Troostite	Fine and Homogeneous Tempered Martensite	Fine and Homogeneous Tempered Martensite
Chemical Composition			
Carbon		0.85 - 1.20%	
Manganese		0.60 - 1.20%	
Silicon		0.40 - 1.20%	
Sulfur		≤0.05%	
Phosphorus		≤0.05%	
Chrome		0.60 - 1.60%	
Density		7.5g/cm ³	
Appearance		Angular and Sharp	



SIEVING SPECIFICATION STEEL GRIT - SAEJ444

SEA Size	Opening		G120	G80	G50	G40	G25	G18	G16	G14	G12	G10
	mm	in										
7	2.80	0.111										All Pass
8	2.36	0.0937									All Pass	
10	2.00	0.0787								All Pass		Min 80%
12	1.70	0.0661						All Pass			Min 80%	Min 90%
14	1.40	0.0555						All Pass		Min 80%	Min 90%	
16	1.18	0.0469					All Pass		Min 75%	Min 90%		
18	1.00	0.0394				All Pass		Min 75%	Min 85%			
25	.701	0.0278			All Pass		Min 70%	Min 85%				
40	.425	0.0165		All Pass		Min 70%	Min 80%					
50	.300	0.0117	All Pass		Min 75%	Min 80%						
80	.180	0.070		Min 65%	Min 75%							
120	.125	0.049	Min 60%	Min 75%								
200	.075	0.029	Min 70%									

Fields of Application

Descaling, coating removal, cleaning, finishing, etching

Packing Units

DuraGrit is available in 1 tonne pallets of 25kg bags and 1 tonne bulk bags.

Applications

Abrasive blasting of fabricated steel components in blastroom, ship block/section blasting, blasting steel structures/bridges in enclosed environment. Removal of old coating and rust from steel components.

Dura-Grit is an environmentally friendly steel grit abrasive that is fully recyclable and will result in large waste reduction compared to expendable abrasives. Our Technical Sales and Services technician can assist you with your application.

Blast & Peen Services Pte Ltd

10 Admiralty Street #02-69 North Link Building, Singapore 757695 • Tel: +65 6505 9098 • Fax: +65 6245 8785
 sales@dura-grit.com • www.dura-grit.com