



STEEL SHOT

Chemical Analysis

Item	Content
Carbon	0.85 - 1.20 %
Silicon	0.40 - 1.20 %
Manganese	0.50 - 1.20 %
Sulphur	0.05 % max
Phosphorus	0.05 % max

Density 7.2g/cm³

Hardness HRC40-50

Microstructure Tempered Martensite or Troostite

Sieve Analysis

Screen No.	Size mm	S930	S780	S660	S550	S460	S390	S330	S280	230	S170	S110	S70
6	3.35	0											
7	2.80		0										
8	2.36	≥90%		0									
10	2.00	≥97%	≥85%		0	0							
12	1.70		≥97%	≥85%		≤5%	0						
14	1.40			≥97%	≥85%		≤5%	0					
16	1.18				≥97%	≥85%		≤5%	0				
18	1.00					≥96%	≥85%		≤5%	0			
20	0.850						≥96%	≥85%		≤10%	0		
25	0.710							≥96%	≥85%		≤10%		
30	0.600								≥96%	≥85%		0	
35	0.500									≥97%		≤10%	
40	0.425										≥85%		0
45	0.355												≤10%
50	0.300										≥97%	≥80%	
80	0.180											≥90%	≥80%
120	0.125												≥90%
200	0.075												

