



STEEL SHOT DATA SHEET

1. MICROSTRUCTURE

Uniform tempered martensite

2. CHEMICAL ANALYSE

Carbon 0.80 – 1.20 %
Manganese 0.60 – 1.20 %
Silicon 0.40 % Min
Sulphur 0.05 % Max
Phosphorus 0.05 % Max

3. HARDNESS

Our steel shots normally has two hardness grades. But that can be manufactured according to customers' demand.

- a. Normal Grade: 40-45 HRC
- b. Peening Grade: 46-52 HRC

4. PACKAGING

In 25 kg polyethylene bags, 40 bags on 1 tonne EUR wooden pallet and secured with cardboard box and shrink cap

5. DENSITY

Minimum 7,4 gr/cm³

6. GENERAL APPEARANCE

- 6.1 Voids: 10 % Max.
- 6.2 Cracks: 15 % Max
- 6.3 Shrinks: 10 % Max
- 6.4 Non Rounds: 5 % Max

* With 50X Magnification

BUNSA STEEL SHOT AND GRIT

TUZHISAR ASFALTI 2.KM 38600 BUNYAN KAYSERI-TURKEY
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7. SIEVE ANALYSE

mm	Sieve No	SAE Numbers											
		S-930	S-780	S-660	S-550	S-460	S-390	S-330	S-280	S-230	S-170	S-110	S-70
3.35	6	All											
2.80	7		All										
2.36	8	90% Min		All									
2.00	10	97% Min	90% Min		All	All							
1.70	12		97% Min	90% Min		5% Max	All						
1.40	14			97% Min	90% Min		5% Max	All					
1.18	16				97% Min	85% Min		5% Max	All				
1.00	18					96% Min	85% Min		5% Max	All			
0.85	20						96% Min	85% Min		10% Max	All		
0.71	25							96% Min	85% Min		10% Max		
0.60	30								96% Min	85% Min		All	
0.50	35									97% Min	85% Min	10% Max	
0.43	40										97% Min		All
0.36	45											80% Min	10% Max
0.30	50											90% Min	
0.18	80												80% Min
0.13	120												90% Min
0.06	200												

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