

# ABRASIVE BLAST MEDIA

## Steel Shots

Steel shot refers to spherical grains made of molten steel through an atomization ("granulation") process, available in different sizes and hardnesses. These are widely used for shot blasting and shot peening applications. With our quality products we serve various industries like Automotive industry, Metallurgy and Petrochemical industry.



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

## Application

Shot Blasting of Cast Steel  
Sand Remova  
Surface Preparation  
Scale Removal

## Custom Hardness Shots HrC

SS	40-50
SL	50-60
SH	63+

## Size Distribution as per IS 4606 of 1983

Screen No.	Screen Size	Metric Size Std. mm	Shot Number													
			S930	S780	S660	S550	S460	S390	S330	S280	S230	S170	S110	S70		
6	0.132	3.35	All Pass													
7	0.111	2.80		All Pass												
8	0.0937	2.36	85% Min		All Pass											
10	0.787	2.00	12% Max	85% Min		All Pass	All Pass									
12	0.0661	1.70		12% Max	85% Min		5% Max	All Pass								
14	0.0555	1.40			12% Max	80% Min		5% Max	All Pass							
16	0.0469	1.18				12% Max	80% Min		5% Max	All Pass						
18	0.0394	1.00					11% Max	80% Min		5% Max	All Pass					
20	0.0331	0.85						11% Max	80% Min		10% Max	All Pass				
25	0.028	0.71							11% Max	80% Min		10% Max				
30	0.0232	0.60								11% Max	75% Min		All Pass			
35	0.0197	0.50									12% Max		10% Max			
40	0.0165	0.425										75% Min		All Pass		
45	0.0138	0.355										12% Max		10% Max		
50	0.0177	0.300											75% Min			
80	0.007	0.18												10% Max	75% Min	
120	0.0049	0.125													10% Max	
200	0.0029	0.75														
Pan			3% Max	3% Max	3% Max	3% Max	4% Max	4% Max	4% Max	4% Max	3% Max	3% Max	5% Max	5% Max		



ISO 9001:2008