

AWM (R) / CRWS/BPL  
 BY CME (C) / CRWS/BPL

SSB Paint Shop / CRWS/BPL  
 14/11/19

- C 0.6 to 1.25
- SI 0.2 to 1.10%
- Mn 1.25% max.
- Sulphur 0.080% max.
- Phosphorus 0.08% max.
- Density 7.0gm/ml minimum for steel shots and 7.6gm/ml minimum for steel grits
- Hardness 40-50 HRC (Average) for steel shots and > 60HRC for steel grits
- Steel Analysis:
- (i) Steel grit G-25  
 1.80mm - All Pass  
 0.710mm - 70%  
 0.425mm - 80%
- (ii) Steel shots (S-330)  
 1.400mm - All Pass  
 1.80mm - 05% max.  
 0.850mm - 80% max.  
 0.710mm - 11% max.
- (iii) Steel shots (S-390)  
 1.700mm - All Pass  
 1.400mm - 05% max.  
 1.00mm - 80% max.  
 0.850mm - 11% max.
- (iv) Steel shots (S-460)  
 2.00mm - All Pass  
 1.700mm - 05% max.  
 1.180mm - 80% max.  
 1.000mm - 11% max.  
 Pan - 04% max.

Chemical composition: (For all grade)

Sr. No	Description	IS Specification	Size as per SAE system	Equivalent size as per IS system	Quantity
1	Steel grit grade G-25		G-25		30 Kg.
2	Steel shot grade S-330	IS 4606/1983	S-330	SS-850	30 Kg.
3	Steel shot grade S-390	IS 4606/1983	S-390	SS-1000	30 Kg.
4	Steel shot grade S-460	IS 4606/1983	S-460	SS-1180	30 Kg.
Total quantity					120 Kg.

Set of steel grit and steel shots to PL No. 90989442

Annexure