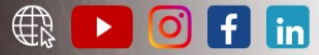




STEEL SHOTS TECHNICAL DATA SHEET



PRODUCT OVERVIEW

STEEL SHOTS ARE THE SPHERICAL TYPE BALLS MADE BY ATOMIZING THE MOLTEN STEEL, WHICH THEN GRADED IN DIFFERENT SIZES WITH HEAT TREATMENT PROCESS. IT'S HIGHLY DEMANDED AS AN ABRASIVE MATERIAL IN AEROSPACE, DEFENSE, RAILWAY & AUTOMOTIVE COMPANIES.

KEY FEATURES

- ✓ 100% TAILS & HOLLOW FREE
- ✓ 99% ROUND ACCURACY
- ✓ COMPLETE CRACK & VOID FREE
- ✓ PERFECT GRADING
- ✓ 100% FREE FROM FOREIGN MATTER
- ✓ UNIFORM HARDNESS
- ✓ HIGHLY DURABLE

CHEMICAL ANALYSIS

CHEMISTRY	AVAILABILITY
CARBON	≤ 1.20 %
MANGANESE	≤ 1.20 %
SILICON	≤ 1.10 %
SULPHUR	≤ 0.05 %
PHOSPHORUS	≤ 0.05 %
FERROS	REMAINDER

PHYSICAL ANALYSIS

ATTRIBUTE	AVAILABILITY
SHAPE	SPHERICAL
HARDNESS	40-50 HRC
SP. GRAVITY	>7.0 G/CM ³
BULK DENSITY	>4.5 G/CM ³
MICROSTRUCTURE	TEMPERED MARTENSITE
MELTING POINT	1535°C

INDUSTRIES

- ✓ AEROSPACE
- ✓ RAILWAYS
- ✓ DEFENSE
- ✓ AUTOMOTIVE
- ✓ CONSTRUCTION
- ✓ SHIPBUILDING
- ✓ FOUNDRY & FORGING

AVAILABLE SIZES

SIZE	RANGE (MM)	SIZE	RANGE (MM)
S070	0.2-0.4	S390	1.0-1.4
S110	0.3-0.6	S460	1.2-1.7
S170	0.4-0.7	S550	1.4-2.0
S230	0.6-0.9	S660	1.7-2.2
S280	0.7-1.0	S780	2.0-2.4
S330	0.9-1.2	S930	2.0-2.8

DELIVERABLE STANDARDS

IS 4606	SAE J444
EN ISO 11124	SAE J827
DIN 8201	SSPC AB3
BS 2451	AMS 2431

PACKING & FORWARDING

25 KG Bag	Jumbo (1MT)	Pallet (1MT,2.5MT)	Custom On Request
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