

Datasheet | Abrasives

STEEL SHOT HIGH CARBON

GENERAL INFORMATION

Abrasive	Steel shot
Shape	Round
C-Type	High carbon

SIZES

S 70	0.12 – 0.50 mm 0.005" – 0.020"	S 390	0.85 – 1.70 mm 0.028" – 0.066"
S 110	0.18 – 0.71 mm 0.007" – 0.028"	S 460	1.00 – 2.00 mm 0.039" – 0.079"
S 170	0.42 – 0.85 mm 0.017" – 0.033"	S 550	1.18 – 2.36 mm 0.047" – 0.094"
S 230	0.50 – 1.00 mm 0.020" – 0.039"	S 660	1.70 – 2.80 mm 0.066" – 0.111"
S 280	0.60 – 1.18 mm 0.023" – 0.047"	S 780	1.70 – 2.80 mm 0.066" – 0.111"
S 330	0.71 – 1.40 mm 0.028" – 0.056"		

PHYSICAL PROPERTIES

Hardness new material	46 – 51 HRC (450–535 HV1)
Specific weight	min. 7.4 g/cm ³
Bulk weight	ca. 4.5 kg/l
Microstructure	Martensite; fine, homogenous

MODE OF USE

Reusable blasting medium

CHEMICAL COMPOSITION

C	min. 0.85 %	S	max. 0.05 %
Si	min. 0.40 %	P	max. 0.05 %
Mn	0.60–1.20 %		

APPLICATIONS

Derusting	Desanding
Descaling	Deburring

SHOT BLASTING SYSTEMS

Blasting wheel, (compressed air)

CERTIFICATIONS & SYSTEM APPROVAL

Standards	Works standard, ISO 11124-3, (DIN 8201-2)
Certifications	ISO 9001



Subject to change without notice. All specification are only a general description of our products. For detailed information please ask for our product leaflets.

INFO

HC steel shot is a round steel abrasive medium. It is produced by melting of steel scrap in an induction furnace and atomizing by means of water jet. A thermal treatment is following.

PACKAGING



Bags

25 kg (55 lbs)
1,000 kg (2,205 lbs)
per pallet (= 40 bags)



Big Bag

1,000 kg
(2,205 lbs)

STORAGE



**Keep
Dry**