

Datasheet | Abrasives

CHILLED IRON SHOT

GENERAL INFORMATION

Abrasive	Chilled iron shot
Shape	Round

SIZES

R 0.5	0.32 – 1.00 mm 0.013" – 0.039"	R 2.8	2.20 – 3.60 mm 0.087" – 0.142"
R 0.8	0.63 – 1.40 mm 0.025" – 0.056"	R 3.2	2.80 – 4.50 mm 0.111" – 0.177"
R 1.0	0.80 – 1.60 mm 0.032" – 0.063"	R 3.6	3.20 – 5.50 mm 0.126" – 0.217"
R 1.4	1.25 – 2.20 mm 0.049" – 0.087"	R 5.0	3.50 – 8.00 mm 0.138" – 0.315"
R 1.8	1.60 – 2.80 mm 0.063" – 0.111"	R 6.0	4.50 – 10.00 mm 0.177" – 0.394"
R 2.2	1.80 – 3.20 mm 0.071" – 0.126"		

PHYSICAL PROPERTIES

Hardness	min. 58 HRC (min. 650 HV1)
Specific weight	min. 7.2 g/cm³
Bulk weight	ca. 4.4 kg/l
Microstructure	Zementite, martensite

MODE OF USE

No shot blasting medium, not for shot blasting applications!

CHEMICAL ANALYSIS

C	2.70 – 3.20 %	S	max. 0.05 %
Si	0.80 – 1.50 %	P	max. 0.05 %
Mn	0.30 – 0.85 %		

APPLICATIONS

Ballast	Radioprotection
Dense concrete	Backfilling of moulds

CERTIFICATIONS & SYSTEM APPROVAL

Standards	Works standard; (DIN 8201-2)
Certifications	ISO 9001



Änderungen vorbehalten. Alle Angaben sind nur eine allgemeine Beschreibung unserer Produkte. Für detaillierte Informationen sind auf Anfrage Produktblätter erhältlich.

INFO

Chilled iron shot is a round granulate. It is produced by melting of cast iron scrap in a cupola furnace and atomizing by means of water jet. There is no thermal treatment.

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**