

Datasheet | Abrasives

KOTAR STEEL SHOT LC

GENERAL INFORMATION

Abrasive	Steel shot
Shape	Round
C-Type	Low carbon

SIZES

KOTAR 38	0.12–0.43 mm	KOTAR 44	0.71–1.70 mm
KOTAR 39	0.18–0.60 mm	KOTAR 45	0.85–2.00 mm
KOTAR 40	0.30–0.85 mm	KOTAR 46	1.00–2.36 mm
KOTAR 41	0.43–1.00 mm	KOTAR 47	1.18–2.80 mm
KOTAR 42	0.50–1.18 mm	KOTAR 48	1.40–3.35 mm
KOTAR 43	0.71–1.40 mm		

PHYSICAL PROPERTIES

Hardness (new)	43–44 HRC (425–435 HV1)
Hardness (operation mix)	47–50 HRC (470–510 HV1)
Specific weight	min. 7.0 g/cm ³
Bulk weight	ca. 4.3 kg/l
Microstruktur	Bainite

MODE OF USE

Reusable blasting medium

CHEMICAL COMPOSITION

C	0.10–0.15 %	S	max. 0.035 %
Si	0.10–0.25 %	P	max. 0.035 %
Mn	1.20–1.50 %		

APPLICATIONS

Derusting	Desanding
Descaling	Deburring

SHOT BLASTING SYSTEMS

Blasting wheel (compressed air)

CERTIFICATIONS & SYSTEM APPROVAL

Standards	Factory standard
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

LC 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 following thermal treatment is not required.

PACKAGING



Bags

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



Big Bag

1,000 kg
(2,205 lbs)



**Keep
Dry**