



Steelshot Round LC – GS-R

Steelshot Round LC is produced by a melting process and subsequently reshaped into spherical grain particles. The low carbon content ensures great toughness, which is crucial for a long service life.

Applications

- Reusable abrasive
- Descaling, sand removal
- Paint-stripping
- Surface finishing

Blasting systems

- Pressure blast systems
- Airless blast-cleaning equipment

Typical physical properties

Hardness of the new grain	35–45 HRC (340–460 HV)
Hardness in operating mixture	40–50 HRC (390–530 HV)
Grain shape	spherical
Melting point	approx. 1535 °C
Density	approx. 7,0 g/cm ³
Bulk density <small>depending on granular size</small>	approx. 4,0–4,6 g/cm ³
Microstructure	bainitic

Typical chemical analysis

C	0,10–0,20 %
Mn	1,00–1,50 %
Si	0,10–0,25 %
S	max. 0,035 %
P	max. 0,035 %
Fe	Remainder

Packaging

25 kg bags on pallet up to 1 ton
1 ton loose in big bag

Available sizes

SAE J444	Average grain size (mm)
S 070	0,2 – 0,4
S 110	0,3 – 0,5
S 170	0,4 – 0,7
S 230	0,6 – 0,9
S 280	0,7 – 1,0
S 330	0,9 – 1,2
S 390	1,0 – 1,4
S 460	1,2 – 1,7
S 550	1,4 – 1,7
S 660	1,7 – 2,2
S 780	2,0 – 2,4
S 930	2,0 – 2,8

Other grain sizes can be produced if required.



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