

STEELGRIT ANGULAR - GS



Steelgrit angular is produced by crushing steelshot, suitable for use in various applications as three grades of hardness are produced by different heat treatments. The GH hardness remains angular in the operating mixture (suitable for cleaning, roughening and surface finishing), the GL has the edges rounded off in the operating mixture (suitable for descaling and surface roughening prior to coating) and the GP grains become spherical (suitable for descaling work).

APPLICATIONS

- Reusable abrasive
- Rust removal
- Paint-stripping
- Roughening

BLASTING SYSTEMS

- Pressure blast systems (GH)
- Airless blast-cleaning equipment (GL, GP)

Typical physical properties

Hardness GP	40 - 53 HRC (390 - 550 HV)
Hardness GL	54 - 60 HRC (570 - 720 HV)
Hardness GH	>61 HRC (>740 HV)
Grain shape	angular
Melting point	approx. 1535°C
Specific gravity	approx. 7,0 g/cm ³
Bulk density (depending on granular size)	approx. 4,0 - 4,6 g/cm ³
Microstructure	martensitic

Typical chemical analysis

C	0,80 - 1,20 %
Si	0,40 - 1,50 %
Mn	0,35 - 1,20 %
S	max. 0,05 %
P	max. 0,05 %
Fe	Remainder

Verpakking

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

Available sizes

Average grain size (mm)

G 12	1,7 - 2,4
G 14	1,4 - 2,0
G 16	1,0 - 1,7
G 18	0,7 - 1,4
G 25	0,4 - 1,2
G 40	0,3 - 1,0
G 50	0,2 - 0,7
G 80	0,1 - 0,4
G 120	0,1 - 0,3

Other grain sizes can be produced if required

