



Super Steel Grit

Opta Minerals your source for Blast Cleaning Abrasives:

- Aluminum Oxide
- Blackblast - Coal Slag
- Chilled Iron Grit
- Corn Cobs
- Ebonygrit - Copper Slag
- International Garnet
- Garnet
- Glass Beads
- Greengrit - Crushed glass
- Plastic Media
- Powerblast LS - Staurolite
- Super Steel Shot
- Super Steel Grit
- Ultrablast - Nickel Slag
- Walnut Shells
- Blast Cleaning Equipment

Contact Us

Our sales team is ready to help you to determine the right product for your job.
 For more information please call us:
 Toll-free: 888-689-6661
 Tel: 519-720-9694
 E-mail: info@optaminerals.com
 Visit: www.optaminerals.com

When the scouring power of shot isn't enough, the sharp, angular structure of Super Steel Grit offers the raw cutting power to clean a wide variety of surfaces and parts.



ADVANTAGES OF SUPER STEEL GRIT

- 200 to 1000 times recyclable, depending on hardness, velocity, type of job and carry out losses.
- Versatile - can be used on Wheel Blast Machines and Pressure Operated Blast Systems.
- High Density and strength for fast blast rate and low dust
- Super Steel Grit is manufactured according to the International Standards SAE J444 and SAE J827

AVAILABLE SIZES OF SUPER STEEL GRIT

G10	G12	G14	G16	G18	G25	G40	G50	G80	G120
					Profile				
GP Super Steel Grit, (46-50HRC)					GP Super Steel Grit rounds off rapidly in use and is particularly suited for removing sand of casting and scaling oxide.				
GL Super Steel Grit, (56-60HRC)					GL Super Steel Grit is harder than GP Steel Grit. It loses sharpness during operation and is suited for plate and section preparation.				
GH Super Steel Grit, (60-66HRC)					GH Super Steel Grit has maximum hardness to maintain angularity during operation and provides a constant cutting (etching) action. GH Super Steel Grit is specifically designed for Air Blast Operations.				

TECHNICAL SPECIFICATIONS (IN %)

Symbol	Percentage
C	0.85 - 1.20%
Mn	0.60 - 1.20%
Si	0.50 - 1.20%
S	< 0.05%
P	< 0.05%

CHARACTERISTICS

	GP Super Steel Grit, (46-50HRC)	GL Super Steel Grit, (56-60HRC)	GH Super Steel Grit, (63-65HRC)
Bulk Density:	>7.4g/cm ³	>7.4g/cm ³	>7.4g/cm ³
Grain Shape:	Spherical	Spherical	Spherical
Microstructure:	Homogeneous tempered Martensite and Baintite	Homogeneous tempered Martensite and Baintite	Homogeneous tempered Martensite and Baintite
Hardness:	46-50 HRC	56-60 HRC	60-66HRC

PACKAGING

In 55lb bags; 2200 lb sacs; Steel drums.