



STEEL GRITS GH TECHNICAL DATA SHEET



PRODUCT OVERVIEW

STEEL GRIT GH, CHARACTERIZED AS SUPER HARD GRIT, DISTINGUISHES ITSELF BY ITS UNIQUE PROPERTIES. UNLIKE OTHER GRADES, GH IS NOT SUBJECTED TO TEMPERING; RESULTING IN FAST AND EFFICIENT CLEANING CAPABILITIES.

THIS GRADE IS BEST FOR AIR TYPE OF BLASTING, SURFACE CLEANING & TREATMENT APPLICATIONS.

KEY FEATURES

- ✓ UNIFORM HARDNESS
- ✓ ANGULAR & SHARP
- ✓ PERFECT GRADING
- ✓ 100% FREE FROM FOREIGN MATTER
- ✓ HIGHLY DURABLE

CHEMICAL ANALYSIS

CHEMISTRY AVAILABILITY

CARBON	≤ 1.20 %
MANGANESE	≤ 1.20 %
SILICON	≤ 1.10 %
SULPHUR	≤ 0.05 %
PHOSPHORUS	≤ 0.05 %
FERROS	REMAINDER

PHYSICAL ANALYSIS

ATTRIBUTE AVAILABILITY

SHAPE	ANGULAR
HARDNESS	>60
SP. GRAVITY	>7.0 G/CM ³
BULK DENSITY	>4.5 G/CM ³
MICROSTRUCTURE	TEMPERED MARTENSITE
MELTING POINT	1535°C

INDUSTRIES

- ✓ AEROSPACE
- ✓ RAILWAYS
- ✓ DEFENSE
- ✓ AUTOMOTIVE
- ✓ CONSTRUCTION
- ✓ SHIPBUILDING
- ✓ FOUNDRY & FORGING

AVAILABLE SIZES

Size	Range (MM)	Size	Range (MM)
G 200	0.10-0.20	G 18	1.00-1.60
G 120	0.16-0.30	G 16	1.00-1.60
G 80	0.20-0.40	G 14	1.25-2.00
G 50	0.30-0.60	G 12	1.60-2.24
G 40	0.60-1.00	G 10	2.00-2.80
	0.40-0.80		
G 25	0.80-1.25		Custom Available

DELIVERABLE STANDARDS

SAE J1993	SAE J444
EN ISO 11124-4	BS 2451
DIN 8201-3	SSPC AB3

PACKING & FORWARDING

25 KG, JUMBO (1MT),
PALLET (1MT, 2.5MT),
CUSTOM ON REQUEST

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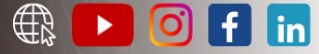
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GANDHINAGAR, GUJARAT- 382729



STEEL GRITS GL/GM

TECHNICAL DATA SHEET



PRODUCT OVERVIEW

THE STANDARD GRADE OF STEEL GRIT, GL/GM, IS DIFFERENTIATED BASED ON HARDNESS AND TOUGHNESS CHARACTERISTICS, THROUGH A METICULOUS TEMPERING PROCESS WHICH NOT ONLY REGULATES THE HARDNESS BUT ALSO ENHANCES ITS TOUGHNESS & HEIGHTENED DURABILITY. **THIS GRADE IS BEST FOR AIR & WHEEL BOTH TYPE OF BLASTING APPLICATIONS.**

KEY FEATURES

- ✓ UNIFORM HARDNESS
- ✓ ANGULAR & SHARP
- ✓ PERFECT GRADING
- ✓ 100% FREE FROM FOREIGN MATTER
- ✓ HIGHLY DURABLE

CHEMICAL ANALYSIS

CHEMISTRY AVAILABILITY

CARBON	≤ 1.20 %
MANGANESE	≤ 1.20 %
SILICON	≤ 1.10 %
SULPHUR	≤ 0.05 %
PHOSPHORUS	≤ 0.05 %
FERROS	REMAINDER

PHYSICAL ANALYSIS

ATTRIBUTE AVAILABILITY

SHAPE	ANGULAR
HARDNESS	51/47-59/56
SP. GRAVITY	>7.0 G/CM ³
BULK DENSITY	>4.5 G/CM ³
MICROSTRUCTURE	TEMPERED MARTENSITE
MELTING POINT	1535°C

INDUSTRIES

- ✓ AEROSPACE
- ✓ RAILWAYS
- ✓ DEFENSE
- ✓ AUTOMOTIVE
- ✓ CONSTRUCTION
- ✓ SHIPBUILDING
- ✓ FOUNDRY & FORGING

AVAILABLE SIZES

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G 40	0.60-1.00	G 10	2.00-2.80
	0.40-0.80		
G 25	0.80-1.25		Custom Available

DELIVERABLE STANDARDS

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EN ISO 11124-4	BS 2451
DIN 8201-3	SSPC AB3

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STEEL GRITS GP/GS TECHNICAL DATA SHEET



PRODUCT OVERVIEW

THE STANDARD GRADE OF STEEL GRIT, GP/GS, IS DIFFERENTIATED BASED ON HARDNESS AND TOUGHNESS CHARACTERISTICS, THROUGH A METICULOUS TEMPERING PROCESS WHICH NOT ONLY REGULATES THE HARDNESS BUT ALSO ENHANCES ITS TOUGHNESS & HEIGHTENED DURABILITY. **THIS GRADE IS BEST FOR WHEEL TYPE OF BLASTING APPLICATIONS.**

KEY FEATURES

- ✓ UNIFORM HARDNESS
- ✓ ANGULAR & SHARP
- ✓ PERFECT GRADING
- ✓ 100% FREE FROM FOREIGN MATTER
- ✓ HIGHLY DURABLE

CHEMICAL ANALYSIS

CHEMISTRY	AVAILABILITY
CARBON	≤ 1.20 %
MANGANESE	≤ 1.20 %
SILICON	≤ 1.10 %
SULPHUR	≤ 0.05 %
PHOSPHORUS	≤ 0.05 %
FERROS	REMAINDER

PHYSICAL ANALYSIS

ATTRIBUTE	AVAILABILITY
SHAPE	ANGULAR
HARDNESS	40-50/51
SP. GRAVITY	>7.0 G/CM ³
BULK DENSITY	>4.5 G/CM ³
MICROSTRUCTURE	TEMPERED MARTENSITE
MELTING POINT	1535°C

INDUSTRIES

- ✓ AEROSPACE
- ✓ RAILWAYS
- ✓ DEFENSE
- ✓ AUTOMOTIVE
- ✓ CONSTRUCTION
- ✓ SHIPBUILDING
- ✓ FOUNDRY & FORGING

AVAILABLE SIZES

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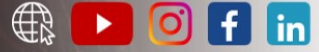
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PRODUCT OVERVIEW

STEEL GRITS ARE THE ANGULAR TYPE GRAINS MADE BY CRUSHING THE STEEL SHOTS, WHICH THEN GRADED IN DIFFERENT SIZES WITH HEAT TREATMENT PROCESS. IT'S HIGHLY DEMANDED AS AN ABRASIVE MATERIAL IN AEROSPACE, DEFENSE, RAILWAY & AUTOMOTIVE COMPANIES.

KEY FEATURES

- ✓ UNIFORM HARDNESS
- ✓ ANGULAR & SHARP
- ✓ PERFECT GRADING
- ✓ 100% FREE FROM FOREIGN MATTER
- ✓ HIGHLY DURABLE

INDUSTRIES

- ✓ AEROSPACE
- ✓ RAILWAYS
- ✓ DEFENSE
- ✓ AUTOMOTIVE
- ✓ CONSTRUCTION
- ✓ SHIPBUILDING
- ✓ FOUNDRY & FORGING

CHEMICAL ANALYSIS

CHEMISTRY	AVAILABILITY
CARBON	≤ 1.20 %
MANGANESE	≤ 1.20 %
SILICON	≤ 1.10 %
SULPHUR	≤ 0.05 %
PHOSPHORUS	≤ 0.05 %
FERROS	REMAINDER

PHYSICAL ANALYSIS

ATTRIBUTE	AVAILABILITY
SHAPE	ANGULAR
HARDNESS	GP/GS, GL/GM, GH
SP. GRAVITY	>7.0 G/CM ³
BULK DENSITY	>4.5 G/CM ³
MICROSTRUCTURE	TEMPERED MARTENSITE
MELTING POINT	1535°C

AVAILABLE SIZES

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