

CHILLED IRON DATA SHEET

GH-K	Chilled Iron Grit
GH-R	Chilled Iron Shot

Chemical Composition		
	Guarantee Content (%)	Typical Content (%)
C	2.80 – 3.20	2.91
S	0.07 – 0.15	0.11
P	0.10 – 0.20	0.15
Mn	0.30 – 1.00	0.45
Si	1.00 – 1.50	1.21

Physical Properties			
Specific Gravity	>7.0 g/cm ³		
Hardness	>640 HV		
Bulk density	3.1 – 4.5 g/cm ³		
Grain Granulation (mm)			
G02	0.10 – 0.20	R34	0.80 – 1.25
G05	0.10 – 0.30	R39	1.00 – 1.40
G07	0.20 – 0.40	R47	1.20 – 1.70
G12	0.30 – 0.60	R55	1.40 – 2.00
G17	0.40 – 0.80	R66	1.70 – 2.40
G24	0.60 – 1.00	R80	2.00 – 2.80
G34	0.80 – 1.25	R95	2.40 – 3.35
G39	1.00 – 1.40	R111	2.80 – 4.00
G47	1.20 – 1.70	R132	3.35 – 4.75
G55	1.40 – 2.00		
G66	1.70 – 2.40		
G80	2.00 – 2.80		

25kg bag, 40 bags on a pallet with shrink.