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### Technical Data Sheet

#### Chilled iron

Chilled iron is a metallic cast iron granular abrasive produced by crushing iron shot to various sizes.

Chilled iron is generally used for producing a profile on steel substrates. It is best used in blast rooms where it can be recycled efficiently.

Grade	Particle size - Microns
Keymet05	120 - 300
Keymet07	180 - 420
Keymet12	300 - 710
Keymet17	420 - 850
Keymet24	600 - 1000
Keymet34	850 - 1200
Keymet39	1000 - 1400
Keymet47	1200 - 1700
Keymet55	1400 - 2000

#### Typical Chemical Analysis

Fe	95 – 97 %
C	2.8 – 3.2 %
Si	0.9 – 1.5 %
Mn	0.4 – 0.9 %
S	0.2 % max
P	0.05 - 0.2 %

Packed in 25 kilo polypropylene bags shrinkwrapped 1 tonnes per pallet. Single 25 kilo bags also available.

Hardness ; Greater than 57 Rockwell C and HV1 range 630- 775