

Technical Data Sheet – Chilled Iron

Chilled Iron is a metallic cast iron granular abrasive produced by crushing iron into various sizes. It is used for producing a profile on steel substrates, due to its angular shape. It is best used in blast rooms where it can be recycled efficiently.

Product is packed in 25kg bags

Tariff Code 72051000

Chemical Composition

Component Name	Code	Concentration
Carbon	C	3.1%
Silicon	Si	0.5 – 0.8%
Magnesium	Mn	0.5-0.9%
Phosphorus	P	0.2-0.3%
Sulphur	S	0.1-0.2%

Physical Properties

Physical state	angular, grey
Odour	Odourless
Explosion Limits (%)	
Flash point:	N/A
Solubility in water (kg/m ³)	Insoluble
Bulk Density (kg/m ³)	3.45kg/dm ³
Hardness	67-68 HRC
Specific gravity	7.4 kg/dm ³

Grade Sizes

Steel Grit	mm
G07	0.16-0.3
G12	0.3-0.6
G17	0.4-0.8
G24	0.6-1.00
G34	0.8-1.2
G39	1.0-1.4