



EUROGRIT BV

Datasheet

Chilled Iron grit

02-01-2006

Description	Chilled iron grit is produced from carefully selected alloy free iron scrap that is recarbonised in a hot blast cupola. The shot obtained by this process, is then crushed into grit particles.	
Applications	Chilled iron grit is suitable for compressed air blasting in shot-blast rooms with proper recycling and dust-extraction equipment.	
Properties	Structure	: martensite
	Shape	: angular
	Colour	: grey
	Hardness	: Rockwell C 61-64
	Specific density	: 7.0 kgs/dm ³
	Loose bulk density	: 4.0 kgs/dm ³
Chemical Composition (Indication only)	C	: 3.00 - 3.40 %
	Mn	: 0.30 - 1.00 %
	Si	: 1.00 - 1.50 %
	S	: 0.10 - 0.30 %
	P	: 0.07 - 0.17 %
Grain sizes	G05 : 0.12 - 0.30	G34 : 0.85 - 1.20
	G07 : 0.18 - 0.42	G39 : 1.00 - 1.40
	G12 : 0.30 - 0.71	G47 : 1.20 - 1.70
	G17 : 0.42 - 0.85	G55 : 1.40 - 2.00
	G24 : 0.60 - 1.00	
Packing	25 kgs plastic bags, on shrinkfoiled export pallets of 1 ton.	

Equipment, materials and abrasives used for surface preparation can be hazardous if used carelessly. Many national regulations exist for those materials and abrasives that are considered to be hazardous during or after use (waste management), such as free silica or carcinogenic or toxic substances. Those regulations are therefore to be observed. It is important to ensure that adequate instructions are given and that all required precautions are exercised.

EUROGRIT - AHEAD IN ABRASIVES