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| <b>Description</b>                               | Steel abrasives are produced with super eutectoid medium alloy steel. The percentage of Sulphur, phosphorus and chromium content is low. Abrasives are heat treated, applying the most modern procedure. The micro structure of steel high-carbon heat treated abrasives is a fine and homogeneous martensite. |   |
| <b>Applications</b>                              | Steel grit is suitable for compressed air blasting in enclosed recycling systems, such as shotblast rooms, cabinets etc.   |   |
| <b>Quality</b>                                   | The steel abrasives are in conformity with the SAE J444 standards, DIN 8201 and ISO 11124-3  |   |
| <b>Properties</b>                                | Structure  | : uniformly tempered martensite   |
|  | Shape  | : angular   |
|  | Color  | : steelblue / grey  |
|  | Hardness   | : H – Rockwell C > 60 (min. 700 HV)<br>: L – Rockwell C 47-61 (470-710 HV)<br>: P – Rockwell C 40-51 (390-530 HV) |
|  | Specific density   | : 7.4 kg/dm <sup>3</sup>  |
|  | Loose bulk density   | : 4.4 kg/dm <sup>3</sup>  |
| <b>Chemical Composition</b><br>(Indication only) | C  | : 0,85 - 1,20 %   |
|  | Mn   | : 0,35 - 1,20 %   |
|  | Si   | : > 0,40 %  |
|  | S  | : < 0,05 %  |
|  | P  | : < 0,05 %  |
| <b>Grain sizes</b>                               | G120 : 0,075 - 0,18  | G18 : 0,71 - 1,18   |
|  | G80 : 0,125 - 0,35   | G16 : 1,00 - 1,40   |
|  | G50 : 0,18 - 0,60  | G14 : 1,18 - 1,70   |
|  | G40 : 0,20 - 0,85  | G12 : 1,40 - 2,00   |
|  | G25 : 0,42 - 1,00  |   |
| <b>Packing</b>                                   | In PE bags of 25 kg on shrink foiled export pallets of 1000 kg reinforced with cardboard.<br>Other packing options on request.   |   |

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.

TDS. 2014-1-Steelgrit (UK) 1/1

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