

## Technical data

## Iron Silicate grit

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| <b>Description</b>                              | Iron Silicate grit is a blast cleaning grit made of granulated slag from metal melting processes (also called iron-silicate).                    |  |
| <b>Applications</b>                             | Blast cleaning of steel and stone/concrete surfaces, removal of mill scale, rust, old paint, dirt etc. Suitable for SA-3, SA-2 ½, SA-2 and SA-1. |  |
| <b>Properties</b>                               | Shape  | : sharp and angular                    |
|   | Colour   | : grey / black                         |
|   | Hardness   | : 7 Mohs                               |
|   | Specific density   | : +- 3,5 kg/ dm <sup>3</sup>           |
|   | Loose bulk density   | : +- 1,8 kg/ dm <sup>3</sup>           |
|   | Conductivity   | : less than 19 mS/m                    |
|   | Water-soluble chlorides  | : less than 0,65 PPM                   |
| <b>Chemical Composition</b><br>(induction only) | SiO <sub>2</sub>   | 25-35 % in bound form, <1% free silica |
|   | Al <sub>2</sub> O <sub>3</sub>   | 2-9 %                                  |
|   | Fe <sub>2</sub> O <sub>3</sub>   | 45-65 %                                |
|   | CaO  | 0-7%                                   |
| <b>Grain sizes</b>                              | 0,45-1,00 mm<br>0,5-1,68 mm<br>0,5-2,83 mm<br>1,68 -2,83 mm  |  |
| <b>Packing</b>                                  | - Strong woven polypropylene big bags, with 4 lifting loops<br>- Other packing options on request  |  |
| <b>ISO</b>                                      | According to product standards ISO 11126-3 and 11127   |  |

