



Steel Shot/Cast-steel, round
Metallic blast-cleaning abrasive
M/HCS/S

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|---|---|----------|----------------|--------------|----------------|------------|-------------|----------|-------------|--------------|-------------|
| Designation: | Metallic blast-cleaning abrasive M/HCS/S | | | | | | | | | | |
| Quality: | In accordance with DIN EN ISO 11124-3, Steel Shot / Cast-steel, round , is a metallic blast-cleaning abrasive, the manufacture of which takes place following the most stringent criteria and controls. Steel Shot / Cast-steel, round , should be stored dry as otherwise there is a risk that the flowability will be impaired. | | | | | | | | | | |
| Origin: | Steel Shot / Cast-steel, round , is a cast, round, metallic blast-cleaning abrasive which is separated by screening to precisely defined particle sizes. | | | | | | | | | | |
| Hardness: | 40 to 50 HRC | | | | | | | | | | |
| Weight: | min. 7 g/cm ³ (apparent density), measured by displacement using methanol | | | | | | | | | | |
| Chemical analysis: (Approximate Values) | <table> <tr> <td>Carbon C</td> <td>0,85 to 1,20 %</td> </tr> <tr> <td>Manganese Mn</td> <td>0,60 to 1,20 %</td> </tr> <tr> <td>Silicon Si</td> <td>min. 0,40 %</td> </tr> <tr> <td>Sulfur S</td> <td>max. 0,05 %</td> </tr> <tr> <td>Phosphorus P</td> <td>max. 0,05 %</td> </tr> </table> | Carbon C | 0,85 to 1,20 % | Manganese Mn | 0,60 to 1,20 % | Silicon Si | min. 0,40 % | Sulfur S | max. 0,05 % | Phosphorus P | max. 0,05 % |
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| Manganese Mn | 0,60 to 1,20 % | | | | | | | | | | |
| Silicon Si | min. 0,40 % | | | | | | | | | | |
| Sulfur S | max. 0,05 % | | | | | | | | | | |
| Phosphorus P | max. 0,05 % | | | | | | | | | | |
| Free silica: | Not detectable. | | | | | | | | | | |
| Health and Safety regulations: | All legal regulations are complied with. The values are below those of the safety regulation BGR 500 Kap. 2.2. | | | | | | | | | | |
| Fields of application: | Steel Shot / Cast-steel, round , is mainly used in rotating-wheel plants, among other things for descaling, derusting and deburring of surfaces prior to subsequent coating/painting. | | | | | | | | | | |

Please contact us for more information:

Sibelco Deutschland GmbH
 Muggenburger Strasse 10
 D-20539 Hamburg

Ph: +49 40 781298-0

abrasives@sibelco.com



Particle size ranges available for delivery:

S 550 = 1,18 mm to 2,00 mm / Nominal size 1,40 mm
 S 460 = 1,00 mm to 2,00 mm / Nominal size 1,20 mms
 S 390 = 0,85 mm to 1,70 mm / Nominal size 1,00 mm
 S 330 = 0,71 mm to 1,40 mm / Nominal size 0,80 mm
 S 280 = 0,60 mm to 1,18 mm / Nominal size 0,70 mm
 S 230 = 0,50 mm to 1,00 mm / Nominal size 0,60 mm
 S 170 = 0,35 mm to 0,85 mm / Nominal size 0,40 mm

Forms of supply:

Packed ready for use in bags à 25 kg gross for net, on palettes, with enclosing carton with hood.

Delivery from our store Hamburg with immediate link to road and water.

Blast-cleaning technique and particle size range selection:

The particle size range is to be specified by the user, depending on the particular blast-cleaning purpose and the condition of the surface to be blast-cleaned.

The selection of the particle size depends among other things on the individual blast-cleaning purpose as well as the desired surface condition.

Redelivery:

Steel Shot / Cast-steel, round, will be taken back by us after prescribed use, on payment, for utilisation in accordance with the Kreislaufwirtschafts- and Abfallgesetz (Business cycle and waste law). The procedures used for this are approved by authorities.

Note:

It is to be observed that all statements in this technical data sheet refer to **Steel Shot / Cast-steel, round**, in its state of delivery.

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