

Technical Data CMB-8

Date: 2019-04-08

Material: Copper graphite  
Content: Copper & graphite powders with additives  
Application Slip ring

Values (as guideline)  
Max current density: ~22 A/cm<sup>2</sup>  
Max peripheral speed: ~40 m/s

Material Data (typical values)

|                                 |                        |                             |
|---------------------------------|------------------------|-----------------------------|
| Bulk density                    | 2.9 g/cm <sup>3</sup>  | DIN IEC 413.204 & ASTM C830 |
| Rockwell hardness               | 65 HR <sub>10/60</sub> | DIN IEC 413.303             |
| Flexural strength               | 35 N/mm <sup>2</sup>   | DIN IEC 413.501             |
| Specific electrical resistivity | 1.3 μΩm                | DIN IEC 413.402             |

This data sheet is intended to provide general information and are not guaranteed specific properties in field applications. Figures may vary depending on environment and type of application.

MSDS

According to KEMI, the Swedish Chemicals Agency, carbon brushes, including metal graphite brushes, are classified in the REACH regulation as articles and do not require a Materials Safety Data Sheet.

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