# DURMAT® 108 WC-CrC-Ni 73 20 7

**agglomerated and sintered**
**EN 1274—11.21— *)**

**Application:**

Metal bound carbide powder for wear and corrosion resistant coatings produced by flame-, plasma or high-velocity-flame-spraying (HVOF). DURMAT® 108 shows superior oxidation and corrosion properties than other WC-based materials. In addition DURMAT® 108 has a better chemical resistance than other WC-based materials. DURMAT® 108 can be used for applications in mills in the paper-manufacturing industry.

**Chemical Composition (in wt-%):**

| Cr | WC | Ni |
|---|---|---|
| 19 ± 2 | balance | 7 ± 0.5 |

**Physical Characteristics:**

| | |
|---|---|
| Crystal size of WC: | 2.5 µm FSSS |
| Apparent Density (ISO 3923-2): | 3.2-4.5 g/cm$^3$ **) |
| Particle Size Range in µm *): | 22/5<br>38/15<br>53/22 |
| Particle Shape: | Preponderant spherical |

*) According to EN 1274 3.3 or as per individual customer specification.
**) Dependent from designated size.