




# CEWELD DUR WC 3000

|   |  |                       |                    |        |                  |
|---|--|-----------------------|--------------------|--------|------------------|
| TYPE  | Crushed Tungsten / Cobalt particles for the MAG carbide feeder system.   |                       |                    |        |                  |
| APPLICATIONS                                | Dur WC 3000 is used in combination with the MAG proces to developpe a sharp and rough surface on cutting tools for steel and or concrete sawing and or crushing applications. These particles can be used in combination with medium hard, extra hard and corrosion resistant filler metals that fits the application. |                       |                    |        |                  |
| PROPERTIES                                  | The particles should fall before the solidification in the molten weldpool and become part of the weld deposit, Metal core fluxcored wires are recommended in spray arc to obtain the best results. The torch angle should be in trailing position at about 80 degrees towards the work piece.                         |                       |                    |        |                  |
| CLASSIFICATION                              |  |                       |                    |        |                  |
| SUITABLE FOR                                | concrete drilling, earth moving tools, recycling bars and hammers, cutting applications, sawing steel and concrete, deepsea wrack sawing, mixing paddles, scraper blades, mining etc....   |                       |                    |        |                  |
| APPROVALS                                   | No Approvals Found   |                       |                    |        |                  |
| WELDING POSITIONS                           |   |                       |                    |        |                  |
| TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%) | C  | Co                    |                    |        | WC               |
|   | 5.7  | 8                     |                    |        | Rem.             |
| ALL WELD MECHANICAL PROPERTIES              | Heat Treatment   | R <sub>P0,2</sub> MPa | R <sub>m</sub> MPa | A5 (%) | Hardness Vickers |
|   | As Welded /  |                       |                    |        | Avg. 1700        |
| REDRYING TEMPERATURE                        | Not required   |                       |                    |        |                  |
| GAS ACCORDING EN 14175                      |  |                       |                    |        |                  |