



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 develope 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 (%)	<table><thead><tr><th>C</th><th>Co</th><th>WC</th></tr></thead><tbody><tr><td>5.7</td><td>8</td><td>Rem.</td></tr></tbody></table>	C	Co	WC	5.7	8	Rem.				
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ALL WELD MECHANICAL PROPERTIES	<table><thead><tr><th>Heat Treatment</th><th>R_{P0,2} MPa</th><th>R_m MPa</th><th>A₅ (%)</th><th>Hardness Vickers</th></tr></thead><tbody><tr><td>As Welded /</td><td></td><td></td><td></td><td>Avg. 1700</td></tr></tbody></table>	Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)	Hardness Vickers	As Welded /				Avg. 1700
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As Welded /				Avg. 1700							
REDRYING TEMPERATURE	Not required										
GAS ACCORDING EN 14175											