



# CEWELD Powder PTA DUR 12

TYPE	Gas atomized spherical Cobalt-Chromium-Tungsten alloy powder. (P Co3, Stellite 12)							
APPLICATIONS	<p>CEWELD Powder PTA DUR 12 is a cobalt-base metallic powder with spherical shape designed for plasma-transferred-arc (PTA) welding process. It is especially suited for hardsurfacing of parts subject to a combination of erosion, corrosion, cavitation, pressure, impact and abrasion and high temperatures.</p> <p>Such as: Internal combustion exhaust valve, Valve plugs &amp; seats, Pump sleeves, Bearing areas, Saw blades and tips, Saw teeth, Chain saw guide bars, and other Wood cutting tools, Knives, Scissor blades, Molten glass cutter</p> <p>Twist rolls, Hot extrusion dies</p>							
PROPERTIES	<p>CEWELD Powder PTA DUR 12 weld deposit can be machined with tungsten tool tips and by grinding. It have a Excellent gliding and abrasion characteristics, very good polishability, normalized in hardness, slight-magnetic. Machinable by grinding and tungsten carbide tools.</p> <p>Melting temperature: 1200 – 1365 °C    </p>							