

Fluxodur 62-0 is a slagless metal powder cored wire producing a weld metal with a hypereutectic structure of a chromium carbide alloy. Suitable for wear component applications, such as worm conveyors, mixing blades, cement and concrete pump parts, gravel pumps, mixer parts, etc. Resistant to mineral abrasion, but the deposit is not suitable for shock and impact conditions. Weld metal can only be machined by grinding. Welding is without a shielding gas (open arc) on DC, positive pole.

Classification	
DIN	8555: MF 10-GF-60-GR

Approvals	Grades

### Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Fe	W	Cu
5	2	1.10	-	-	27	-	-	-	-	-	-

### All-weld metal Mechanical Properties

Heat Treatment	Yield Strength N/mm <sup>2</sup>	Tensile Strength N/mm <sup>2</sup>	Elongation A5 (%)	Impact Energy ISO - V (J)	Hardness
As Welded	-	-	-	-	57-62 HRC

### Storage

Keep dry and avoid condensation

### Current condition and welding position

DC+



PA

**Packaging data:** K300 kg, 16

Diameters	1,2	1,6	2,0	2,4	