

CL 50WS Hot-work steel

Hot-work steel 1.2709 (powder)

CL 50WS is a powder material for the production of components for tool inserts with conformal cooling. These tool inserts can be used for series injection moulding as well as for die-casting. Furthermore the material can also be used for functional components.

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Fe

55,847

CHEMICAL COMPOSITION

Component	Indicative value (%)
Fe	Balance
C	≤ 0,03
Si	≤ 0,10
Mn	≤ 0,15
P	≤ 0,010
S	≤ 0,010
Cr	≤ 0,25
Mo	4,50 - 5,20
Ni	17,0 - 19,0
Ti	0,80 - 1,20
Co	8,50 - 10,0