

QuLPA-Fe13

Is used for applying wear resistant coating to tools which are subject to heavy friction and pressure with moderate impact stress and higher working temperatures: e.g. slide feeding surfaces, guide ways and sealing edges.

Achievable hardness of approx. 42 HRC. Depending upon the working.

Grain size 45 – 150 µM

Recommended base materials

1.2082, 1.2083, 1.2311, 1.2312, 1.2343, 1.2344, 1.2367, 2606, 1.2764 – 2767, 1.2842

Rework

The weld can be: easily polished, chrome-plated, nitrated, tempered and hardened CVD coated and machined.

Material analysis in %

C	Si	Mn	Cr	Mo	V	Fe
0,21	0,8	0,7	3,0	0,95	0,5	Rest

(Test certificates upon request.)

Mechanical Properties

Inert gas	Argon	Value of the pure weld
Temperature	20°C	
Yield point Re	N/mm ²	
Tensile strength Rm	N/mm ²	
Elongation A (Lo = 5do)	%	
Untreated hardness	HRC	40 – 44

Delivery form:

Plastic bottle with 5 kg in a packaging of 20 kg

The reported values were determined by the manufacturer and / or by a neutral Laboratory.
We cannot guarantee for the accuracy.