

## QuLPA-Fe10Cr

Is preferred for changes to and repairs of cavities subjected to high stress of the tempered materials: 1.2311, 1.2312, 1.2162, 1.2738, 1.2764 und 1.2767

Achievable hardness of approx. 27 – 38 HRC. Depending upon the working.

Grain size 45 – 90 µm

### **Recommended base materials**

1.2311, 1.2312, 1.2162, 1.2738, 1.2764; 1.2767  
25CrMo4, 13CrMo 4 4, GS-17 CrMo5 5, 42CrMo4,  
AIS4130, AISI4140

### **Rework**

The weld can be: eroded, structured, polished, chrome-plated, corroded, nitrated, tempered and hardened.

### **Material analysis in %**

C	Si	Mo	Mn	Cr	Fe
0,1	0,6	0,5	1,0	1,2	Rest

(test certificates upon request.)

### **Mechanical Properties**

Inert gas	Argon	Value of the pure weld
Temperature	20°C	
Yield point Re	N/mm <sup>2</sup>	
Tensile strength Rm	N/mm <sup>2</sup>	
Elongation A (Lo = 5do)	%	
Untreated hardness	HRC	27-38

### **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