

QuLPA-Fe20

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.

Good abrasion performance on fibre glass reinforced plastics.

Reachable hardness values lie around 51 – 55 HRC. Dependant on working.

Grain size 53 – 150 µM

Recommended for 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
0,32	1,0	0,3	5,2	1,6	0,9	Rest

(Test certificates upon request.)

Mechanical Properties

Inert gas	Argon	Values of the pure weld
Temperature	20°C	
Yield point Re	N/mm ²	
Tensile strength	N/mm ²	
Elongation A (Lo = 5do)	%	
Untreated hardness	HRC	51 - 55

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.