

Rheinfelden Carbon



datasheet

ELPA 50Si

High purity electrode paste for submerged arc furnaces

	typical	unit
Green apparent density	1,6	g/cm ³
Plasticity (adapted to customers request)	15 - 45	%
Softening Point Binder (adapted to customers request)	65 - 130	°C
Typical values of the baked paste (Laboratory 1000 °C) (all measurements at room temperature)		
Baked apparent density	1,49	g/cm ³
Electrical resistivity	70	μΩm
Flexural strength	7	MPa
Ash content	2,5	%
S	0,7	%
Si	0,5	%
Fe	1900	ppm
Al	2500	ppm
Ca	850	ppm
Ti	150	ppm
Ni	60	ppm
Cr	30	ppm

Supply: Briquettes in bulk or big bags - cylinders in various diameters

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