

VERTIC ZINC WIRE OY
Kiikkupaikantie 7
FIN-28600
PORI



TECHNICAL DATA SHEET B32

GENERAL

In manufacturing of Vertic Zinc Wires only Special High Grade $\geq 99,995\%$ ingots are accepted to guarantee the high purity, trouble free operation and high conductivity surface.

PHYSICAL CHARACTERISTIC

Chemical composition

Zn min.	Pb max.	Cd max.	Fe max.	Sn max.	Cu max.	Al max.
99,995	0,003	0,003	0,002	0,001	0,001	0,001

Density: 7,14 g/cm³

Melting point: 419,58 °C

Boiling point: 907 °C

Electrical conductivity: $0,166 \cdot 10^6 / \text{cm}\Omega$

Thermal conductivity: 1,16 W / cmK

MECHANICAL CHARACTERISTICS

	SOFT	MEDIUM	HARD
Tensile strength (N/mm ²)	< 100±5	100-120±5	>120±5
Elongation at rupture	60 – 100 %	40 – 80 %	30 – 60 %

Tel. +358 2 6317 800

Fax +358 2 6317 839

e-mail: sales@vertic.fi