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# KADOX-920C ZINC OXIDE

## DESCRIPTION

KADOX-920C is a high purity French Process zinc oxide, providing a surface area and reactivity between KADOX-911 and KADOX-930. KADOX-920C is made from KADOX-920 by surface treatment with propionic acid. This treatment allows the zinc oxide to be more readily wet by rubber, thus hastening incorporation and aiding dispersion.

## USES

**RUBBER** – KADOX-920C is used extensively in various rubber products, such as mechanical goods, insulated wire, footwear, and tires, where uniform activation, moderate reinforcement, and excellent dispersion are desired.

## TECHNICAL DATA

### Representative Physical Properties

Mean Particle Size, $\mu$ . . . . .	0.21
Surface Area, $m^2/g$ . . . . .	5.0
Specific Gravity . . . . .	5.6
Apparent Density, $lb/ft^3$ . . . . .	50
Through 325 Mesh, % . . . . .	99.99
Specifications . . . . .	ASTM D-79 ASTM D-4295

### Representative Chemical Properties

ZnO, % . . . . .	99.7
PbO, % . . . . .	0.001
CdO, % . . . . .	0.005
CuO, % . . . . .	<0.0005
MnO, % . . . . .	<0.0005
Fe <sub>2</sub> O <sub>3</sub> , % . . . . .	0.001
Propionic Acid, % . . . . .	0.2 added

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Revised 3/2001

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