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Kadox® 930 Zinc Oxide Series

DESCRIPTION

KADOX®-930 is a French Process zinc oxide as defined by ASTM D-4295. It is a low surface area, high purity oxide. **KADOX®-930** is available in the following forms:

930	<i>Powdered</i>
930C	<i>Propionic Acid Coated</i> allowing it to be more readily wet by rubber, thus hastening incorporation and aiding in dispersion
930H	<i>Pelleted</i> providing low bulk, low dusting, and greatly improved flow properties
930CO	<i>Propionic Acid Coated with Processing Oil added</i> reducing the tendency of the oxide to dust during handling and allowing it to be more readily wet by rubber, thus hastening incorporation and aiding in dispersion.
930CH	<i>Propionic Acid Coated and Pelleted</i> providing low bulk, low dusting, greatly improved flow properties, and allowing it to be more readily wet by rubber, thus hastening incorporation and aiding in dispersion

USES

RUBBER – All 930 forms are used in white and tinted rubber goods, insulated wire, and packing and latex where high brightness and good color are desired.

OTHER USES – 930 forms are used extensively as a chemical and as a pigment in a variety of applications such as ceramics, rayon, zinc resins, zinc chromates, floor coverings, and phosphate solutions for treatment of metal surfaces prior to painting.

TECHNICAL DATA

Representative Physical Properties

Mean Surface Particle Diam., μ	0.33
Specific Surface, m^2/g	3.2
Through 325 Mesh, %	
930/930C/930CO	99.99
930H/930CH	99.98
Specific Gravity	5.6
Apparent Density lb/ft^3	
930	35
930C/930CO	50
930H	60
930CH	65
Specifications	ASTM D-79

Representative Chemical Properties

ZnO, %	
930/930H	99.9
930C/930CH	99.7
930CO	99.4
CdO, %	0.005
Fe ₂ O ₃ , %	0.001
PbO, %	0.001
H ₂ O Soluble Salts, %	
930/930H	0.02
Propionic Acid, %	
930C/930CO/930CH	0.2 added
Processing Oil, %	
930CO	0.3 added

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