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KADOX-911 ZINC OXIDE

DESCRIPTION

KADOX-911 is a very fine particle size, high purity French Process Zinc Oxide. KADOX-911 was especially developed to provide a zinc oxide of highest surface area and reactivity, along with minimum settling and opacity. KADOX-911 is also available in coated (KADOX-911C), pelleted (KADOX-911P), and coated/pelleted (KADOX-911CP) forms.

USES

RUBBER – KADOX-911 provides highest activating power and reinforcement in rubber. Because of its high surface area, it gives an accelerating effect. In insulated wire, it provides high reinforcement together with good electrical properties – low moisture absorption and low dielectric constant. In transparent rubber, KADOX-911 furnishes maximum activation with minimum opacity. In aqueous dispersions for latex, KADOX-911 provides excellent dispersion, minimum settling, and maximum activation.

OILS – KADOX-911 is used in lubricating oils and greases both as a pigment and as a chemical to improve lubrication and to inhibit corrosion.

TECHNICAL DATA

Representative Physical Properties

Mean Particle Size, μ	0.12
Surface Area, m^2/g	9.0
Specific Gravity	5.6
Apparent Density, lb/ft^3	30
Through 325 Mesh, %	99.99
Specifications	Federal TTP-463 ASTM D-79

Representative Chemical Properties

ZnO, %	99.9
PbO, %	0.001
CdO, %	0.005
CuO, %	<0.0005
MnO, %	<0.0005
Fe ₂ O ₃ , %	0.001
H ₂ O Soluble Salts, %	0.02

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Revised 3/2001

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