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Kadox® 720 Zinc Oxide Series

DESCRIPTION

KADOX®-720 is a French Process zinc oxide as defined by ASTM D-4295. It is medium purity oxide providing intermediate surface area and reactivity and is available in the following forms:

720	<i>Powdered</i>
720C	<i>Propionic Acid Coated</i> allowing it to be more readily wet by rubber, thus hastening incorporation and aiding in dispersion
720H/720P	<i>Pelleted</i> providing low bulk, low dusting, and greatly improved flow properties
720CH/720CP	<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 720 forms are designed to function as a general-purpose activation grade for rubber.

OTHER USES – Non-coated 720 forms are used extensively in a variety of applications such as glass, rayon, zinc resins, zinc chromates, and phosphate solutions.

TECHNICAL DATA

Representative Physical Properties

Mean Surface Particle Diam, μ	0.21
Specific Surface, m^2/g	5.0
Through 325 Mesh, %	
720/720C	99.99
720H/720P/720CH/720CP	99.98
Specific Gravity	5.6
Apparent Density lb/ft^3	
720	35
720C	50
720H/720P	60
720CH/720CP.....	65
Specifications	ASTM D-79

Representative Chemical Properties

ZnO, %	
720/720H/720P	99.8
720C/720CH/720CP	99.6
CdO, %	0.04
Fe ₂ O ₃ , %	0.01
PbO, %	0.04
H ₂ O Soluble Salts, %	
720/720H/720P	0.02
Propionic Acid, %	
720C/720CH/720CP	0.2 added

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