

HY-Z-90

Product Description

HY-Z-90 is a kind of fine grinding process calcined kaolin. Its chemical constituents are anhydrous aluminum silicate. In virtue of its good properties of high brightness, ultra-fine particle size and reasonable particle size distribution, it can significantly enhance paper brightness, smoothness, glossiness, opacity and improve the ink absorption ability and printing adaptability. Besides, it has high viscosity concentration and good mechanical dispersion, and are highly recommended in papermaking field, such as coated paper, art paper, coated manila, thermal paper, paints, coatings, sealants etc.

Typical Physical Properties

<i>Test Items</i>	<i>Unit</i>	<i>Specification</i>	<i>Test Standard</i>
Brightness	R457, %	93min	GB/T 5950-2008
Particle Size	-2 μ m, %	84 \pm 3	BT-1500
Oil Absorbency	g/100g	66 \pm 4	GB/T 14563-2008
Screen Residue	325mesh%	\leq 0.01	GB/T 14563-2008
PH		6.0-7.5	GB/T 14563-2008
Moisture	%	\leq 0.8	GB/T 14563-2008
Volume Density	g/cm ³	0.35-0.55	GB/T 16913.3-1997
True Density	g/cm ³	2.65-2.75	GB/T 5071-1997

The above typical testing results are to be reliable, but different testing facilities and operators may cause minor variations.

Chemical Name: Anhydrous aluminum silicate

CAS NO.: 92704-41-1



Paper making

The above typical testing results are to be reliable, but different testing facilities and operators may cause minor variations.



Paper making

The above typical testing results are to be reliable, but different testing facilities and operators may cause minor variations.



Interior Coatings

The above typical testing results are to be reliable, but different testing facilities and operators may cause minor variations.