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KaMin™ HG90

Water Washed Kaolin Clay

PRODUCT DESCRIPTION

Application: KaMin HG90 is a high brightness, ultra-fine particle size, platy kaolin with moderate water demand providing good tinting strength. TiO₂ extension and gloss in water based paints. KaMin HG90 is ideally suited for water-borne paint and ink applications, where high brightness and whiteness are important.

Physical Form – Spray Dried Beads or Slurry

Type - Hydrous Aluminum Silicate

TYPICAL PHYSICAL PROPERTIES

Brightness, % Reflectance (TAPPI)91
Moisture, 105°C, max., %	1.5
Screen Residue, 325 mesh, %	0.005
pH, (100 g/250 ml H ₂ O)	7
Average Stokes Equivalent Particle Diameter, microns	0.2
Median Particle Size, microns (Malvern LLS)	0.4
Specific Gravity	2.6
Bulking Value: lb/gal; gal./lb.....	21.7; 0.046
Hegman Grind*	5+
Surface Area, BET, m ² /g	21
Oil Absorption, g/100g	42
Bulk Density – Loose; Tamped (lbs/ft ³).....	50; 56
Crystalline Silica (quartz), %	<0.10
Shipping Point	Wrens, GA

*Spray dried bead-high speed dispersible in water based systems only.

The above data are representative data for this product and should not be perceived as specifications or maximum/minimum values.

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