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KaMin™ 90B

Water Washed Kaolin Clay

PRODUCT DESCRIPTION

Application - KaMin 90B is a high brightness, fine particle size, general-purpose filler with moderate water demand. KaMin 90B is ideally suited for water-borne applications where high gloss, holdout and controlled rheology are important.

Physical Form – Spray Dried Beads or Slurry

Type - Hydrous Aluminum Silicate

TYPICAL PHYSICAL PROPERTIES

Brightness, % Reflectance (TAPPI).....	88
Moisture, 105°C, max., %.....	1.5
Screen Residue, 325 mesh, %.....	0.005
pH, (100 g/250 ml H2O)	7
Average Stokes Equivalent Particle Diameter, microns	0.4
Median Particle Size, microns (Malvern LLS)	1.5
Specific Gravity	2.6
Bulking Value: lb/gal; gal./lb.....	21.7; 0.046
Hegman Grind*	5+
Surface Area, BET, m2/g	17
Oil Absorption, g/100g	43
Slurry Solids, %.....	69.5 -71.0
Brookfield Viscosity, max, 20 RPM, 25°C, cps	450
Bulk Density – Loose; Tamped (lbs/ft3).....	35; 42
Crystalline Silica (quartz), %.....	<0.10
Shipping Point	Macon, GA

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

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