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KaMin™ 70C

Calcined Kaolin Clay

PRODUCT DESCRIPTION

Application - KaMin 70C is a high brightness, medium particle size, calcined kaolin. It has moderate oil absorption and water demand. KaMin 70C incorporates readily into solvent and water-borne coatings, where it imparts TiO₂ extension, brightness (whiteness), scrub resistance and sheen control. KaMin 70C is the workhorse of the industry. Typical use: flat and low sheen architectural coatings.

Physical Form – White fine powder, milled

Type - Anhydrous Aluminum Silicate

TYPICAL PHYSICAL PROPERTIES

Brightness, % Reflectance (TAPPI).....	91
Moisture, 105°C, max., as produced, %.....	0.5
Screen Residue, 325 mesh, %	0.005
pH, (100 g/250 ml H ₂ O).....	6
Average Stokes Equivalent Particle Diameter, microns.....	1.3
Average Particle Size, microns (Malvern LLS)	3.2
Specific Gravity	2.6
Bulking Value: lb/gal; gal/lb.	21.9; 0.046
Hegman Grind.....	5+
Surface Area, BET, m ² /g.....	8
Oil Absorption, g/100g.....	54
Bulk Density, Loose: Tamped (lb/ft ³).....	23; 28
Crystalline Silica (quartz), %	<0.10
Shipping Point.....	Macon, GA

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