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Polyfil[®] X

Water Washed Kaolin Clay

PRODUCT DESCRIPTION

Application – Water washed kaolin clays such as Polyfil X offer acid resistance, reinforcement, neutral pH, and extremely low crystalline silica and salt content. Polyfil X is a moderate brightness water washed kaolin, but yet has a higher brightness and offers improved consistency compared to air-floated clays and moderate reinforcement.

Physical Form – White, milled fine powder

Type – Hydrous aluminum silicate

TYPICAL PHYSICAL PROPERTIES

Brightness, % Reflectance (TAPPI).....	87
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.....	0.5
Median Particle Size, microns (Malvern LLS).....	2.5
Specific Gravity	2.6
Bulking Value: lb/gal; gal./lb.	21.7; 0.046
Surface Area, BET, m ² /g.....	16
Oil Absorption, g/100g.....	42
Bulk Density – Loose; Tamped (lbs/ft ³).....	12; 16
Crystalline Silica (quartz), %	<0.10
Shipping Point.....	Macon, GA

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

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