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Polyfil FB

Product Description:

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

Physical Form: Dry

Type:

Typical Physical Properties

Test	Value	Method
Brightness, % Reflectance (TAPPI)	87-88.5	ASTM E1164
Moisture, 105ºC, max, as produced, %	1.5	KAM-QA-WI-008
Screen Residue, 325 Mesh, %	0.005	KAM-QA-WI-001
pH, (100 g/250 ml H_2O)	6-8	KAM-QA-WI-010
Average Stokes Equivalent Particle Diameter (microns)	0.4	KAM-QA-WI-009
Median Particle Size (mm), (Malvern)	1.5	KAM-QA-WI-035
Specific Gravity	2.6	ASTM C127
Surface Area, BET, M2/g	17	ASTM D3363
Oil Absorption g/100g	43	ASTM D3363
Crystalline Silica (quartz), %	0.10	KaMin Proprietary Method
Bulk Density-Loose (lbs/cu.ft)		KAM-QA-WI-002
Bulk Density-Tapped (lbs/cu.ft)	35; 42	KAM-QA-WI-002

CAS # 1332-58-7

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

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