

Laboratory Ashapura Perfoclay Limited (Testing Laboratory), Village : Ler, Anjar
Bhuj Highway, Bhuj (Kutch), Gujarat

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-8321

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Validity 01.02.2019 to 31.01.2021

Last Amended on --

"In view of the transition for ISO/IEC 17025:2017, the validity of this accreditation certificate will cease on 30.11.2020"

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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CHEMICAL TESTING

I.	SOIL AND ROCK			
1	Bleaching Earth	Moisture	IS 1035	Upto 15 %
		Fineness 90µ Passing	APLT/BE/Fineness	80 % to 100 %
		Residual Acidity	APLT/BE/Residual Acidity	Upto 2.5 mg KOH/g
		Bleachability	APLT/BE/Bleaching Performance	55 % to 90 %
		Permeability	APLT/BE/Bleaching Performance	30 % to 75 %
		Bleaching Efficiency	APLT/BE/Bleaching Performance	>95 % (Only Calculation)
		Average Particle Size	APLT/BE/PSD	20 Micron to 35 Micron
		< 5µ	APLT/BE/PSD	8 % to 20 %
		Filterability	APLT/BE/ Filterability	>100 Sec
		Tapped Bulk Density	IS 1035	0.5 g/mL to 0.8 g/mL
		pH	APLT/BE/pH	1 to 7
		% H ₂ SO ₄	IS 1035	>0.01 %
2.	Clay Catalyst	Free Moisture	APLT/CC/Free Moisture	Upto 6 %
		Abrasion	APLT/CC/Abrasion	Upto 3 %
		Free Acidity	APLT/CC/ Acidity	Upto 10 mg KOH/g
		Total Acidity	APLT/CC/ Acidity	9 mg KOH/g to 26 mg KOH/g
		Net Acidity	APLT/CC/ Acidity	Qualitative
		Pore Volume	APLT/CC/SAPV	0.270 cc/g to 0.430 cc/g
		Surface Area	APLT/CC/SAPV	270 m ² /g to 330 m ² /g
		Loose Bulk Density	APLT/CC/LBD	570 g/L to 750 g/L
		<0.25 mm	APLT/CC/PSD	<5 %
		>2 mm		<10 %
		0.25 mm to 2 mm		>85 %

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