

COSMOCLAY B0

Natural clay

INCI Name: Bentonite

Description

Cosmoclay B0 is a natural clay, it shows a good hydrologic **disperdibility** and **plastic index** that form a great stable and constant stratigraphy mud. The plasticity and the disperdibility derive from greatest amount of crystalline smectite as shown in mineralogical analysis.



		Cosmoclay B0
Chemical-physical characteristics (typical value):		
Moisture	[%]	8-12
pH (suspension 2% wt)		8
Swelling	[ml/2g]	5-10
Granulometry, dry residue over 75 µm	[%]	max 10
Montmorillonite	[%]	min 80
		Cosmoclay B0
Chemical analysis (typical)		[%]
Na ₂ O		0,01
MgO		3,05
Al ₂ O ₃		15,32
SiO ₂		71,60
P ₂ O ₅		0,01
K ₂ O		0,47
CaO		2,25
TiO ₂		0,11
MnO		0,05
Fe ₂ O ₃		1,20
LOI		5,93

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