

COSMOCLAY BROWN

Natural clay

INCI Name: Bentonite

Description

Cosmoclay BROWN is a sodium natural brown 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 BROWN	
Chemical-physical characteristics (typical value):			
Moisture	[%]	10-14	
pH (suspension 2% wt)		9-10	
Swelling	[ml/2g]	min 25	
Granulometry, dry residue over 75 µm	[%]	max 10	
		Cosmoclay BROWN	
Chemical analysis (typical)		[%]	
Na ₂ O		2,58	
MgO		3,35	
Al ₂ O ₃		13,85	
SiO ₂		53,21	
P ₂ O ₅		0,37	
K ₂ O		0,13	
CaO		2,10	
TiO ₂		1,31	
MnO		0,07	
Fe ₂ O ₃		15,3	
LOI		7,73	

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