

COSMOCLAY R5

Activated clay

INCI Name: Bentonite

Description

COSMOCLAY R5 is a sodium-activated natural clay, it shows a good hydrologic **dispersibility** and **plastic index** that form a great stable and constant stratigraphy mud.

The plasticity and the dispersibility derive from greatest amount of crystalline smectite as shown in mineralogical analysis.



		Cosmoclay R5	
Chemical-physical characteristics (typical value):			
Moisture	[%]	10-13	
pH (suspension 2% wt)		9,5	
Swelling	[ml/2g]	min 24	
Granulometry, dry residue over 75 µm	[%]	max 15	
		Cosmoclay R5	
Chemical analysis (typical)		[%]	
Na ₂ O		2,59	
MgO		4,47	
Al ₂ O ₃		17,69	
SiO ₂		56,62	
P ₂ O ₅		0,18	
K ₂ O		0,58	
CaO		2,40	
TiO ₂		0,75	
MnO		0,10	
Fe ₂ O ₃		6,79	

Rev04 September 2022

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