

DETERCAL P1

White selective powders for softening effect and carrier special additive

Description

DETERCAL P1 is a white calcium bentonite powder used in powder detergent formulations for its softening performances and for its functional capacity as carrier.

Based on special selected calcium bentonite, very white montmorillonite.

The high specific surface and the high cationic exchange capacity improve the mechanism and filling a higher number of fibre cavities with better final softening performance.

Instructions for use

DETERCAL P1 powder must be added to the slurry in spray-dry systems for the production of heavy-duty powders. The advised percentage of bentonite in the detergent ranges between 8 and 15%wt.

Packaging

DETERCAL P1 is available in:

- 25 kg paper bags,
- big bags of 500/1000 kg,
- loose in silos/bulk-containers.

DETERCAL P1		
Chemical-physical characteristics (typical value):		
Moisture	[%]	8-12
Hunterlab Colour	L	min. 87
	a	0,6
	b	3,6
Methylene blue absorption (CEC/MBA)	[mg/g]	min. 320
Swelling	[ml/2g]	5-10
Bulk density	[g/ml]	0,70-0,85
Granulometry, dry residue over 325 mesh	[%]	min. 15
Granulometry, dry residue over 200 mesh	[%]	20-25
DETERCAL P1		
Chemical analysis (typical)		[%]
Na ₂ O	0,01	
MgO	3,72	
Al ₂ O ₃	14,80	
SiO ₂	69,40	
P ₂ O ₅	0,02	
K ₂ O	0,43	
CaO	2,42	
TiO ₂	0,12	
MnO	0,06	
Fe ₂ O ₃	1,22	
LOI	7,80	

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