LAVIOSA
Advanced Mineral Solutions

Technical Data Sheet

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Performance Additives
House&Personal Care

DETERCOL® P2

White powders for softening effect and carrier

Characteristics and advantages

DETERCOL® P2 is a white sodium activated powders used in powder detergent formulations for its excellent fabric softening performances. The final detergent product appearance is not affected by the use of ***DETERCOL® P2*** due to the excellent degree of whiteness of the powders.
DETERCOL® P2 shows super fast dispersion and anti re-deposition characteristics.
DETERCOL® P2 is also ecological: the inclusion in the detergent powder is a simple dosing by post addition

Raw material

Based on special selected sodium activated bentonite
The high specific surface and the high cationic excange capacity improve the mechanism and filling a higher number of fibre cavities with better final softening performance

Method of utilization

DETERCOL® P2 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

DETERCOL® P2 is available in :

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

TECHNICAL CHARACTERISTICS

CHEMICAL-PHYSICAL CHARACTERISTICS (typical values)		
		Detercol® P2
Moisture	[%]	11 - 13
Color (Hunterlab)	L	88.0
	a	- 0.5
	b	+ 5.5
Cation exchange capacity	[meq/100g]	110
Swelling capacity	[ml/2g]	20-25
Bulk density	[g/ml]	0.80 - 0.90
Dry residue over 75 µ	[%]	3 - 6
Dry residue over 45 µ	[%]	5 - 10

CHEMICAL ANALYSIS (typical values)	[%]
SiO_2	72.07
Al_2O_3	12.48
TiO_2	0.08
Fe_2O_3	0.96
P_2O_5	0.02
MnO	0.08
MgO	2.37
CaO	1.34
K_2O	1.10
Na_2O	3.05
L.O.I. (900℃)	6.19

Information given in this bulletin is based on the state of our knowledge at the date of publication and are believed to be accurate, but do not constitute any engagement or warranty from our part. Buyers and users should make their own assessments under their own conditions and for their own requirements. Information may be changed without any notice. For mandatory characteristics and performance please refer to our Sale Specifications.

COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 =

Laviosa Chimica Mineraria SpA - Italy
Laviosa Sanayi ve Ticaret Ltd Sti - Turkey
Laviosa MPC sas - France
Laviosa Trimex Industries Pvt Ltd - India