

**Performance Additives
House & Personal Care**

DETERCAL® G Coloured Bentonite coloured agglomerates for detergency

Characteristics

DETERCAL® G COLOURED are bright coloured granular products largely used in powdered detergent formulations, to improve the aesthetic appearance of the detergent.

Colour range

This range of mass coloured products are in blue, green, pink, blue ultramarine and the mixture blu/green.

Our coloured granules are tested and guaranteed for their total absence of staining over textiles.



Method of utilization

The inclusion in the detergent is made by simple post-addition. The percentage of bentonite advised for powdered formulations is around 2%wt. Higher percentages are necessary to obtain an additional softening effect.



Packaging

Detercal® is available in :

- 25 kg paper bags;
- big bags of 500/1000 kg.

TECHNICAL CHARACTERISTICS

CHEMICAL - PHYSICAL CHARACTERISTICS (typical values)		
Montmorillonite	[%]	88
Moisture	[%]	14-16
Exchange capacity	[meq/100g]	70
Swelling capacity	[ml/2g]	3-5
Bulk density apparent	[g/ml]	0.9-1.0
particle size		
Standard grade	[mm]	0.5-2.2
Fine grade		0.5-1.5
Dispersion time	[sec]	60

CHEMICAL ANALYSIS (typical values)	[%]
SiO ₂	74.53
Al ₂ O ₃	13.22
TiO ₂	0.28
Fe ₂ O ₃	2.07
P ₂ O ₅	0.03
MnO	0.08
MgO	2.54
CaO	1.47
K ₂ O	0.94
Na ₂ O	0.5
L.O.I. (900°C)	4-5

Note: coloured speckles based on others carriers like Sodium Sulfate and Sodium Carbonate can be taylor made on request

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