



Carbotal BDG 65200 Technical Data Sheet

CAS No.- 9004- 32-4

Grade- Carbotal BDG65200

Carbotal BDG 65200 is a **BLOCKY** water-soluble polymer derived from naturally occurring cellulose. It is used as an excellent anti-redeposit agent in the powder detergent industry. It has better performance than normal CMC due to its penetration power to penetrate the fabrics with a high cleaning effect

Application- Carbotal BDG 65200 is a technical grade BLOCKY CMC, water-soluble polymer derived from naturally occurring cellulose. It is commonly used in detergent industry.

Advantages - Prevent deposition of heavy metals, saving time wash, prevent reattachment of dirt to the textiles, give softening to the fabric and prevent skin irritation

Molecular formula- $[C_6H_7O_2(OH_2)OCH_2COONa]_n$

Specifications

Standard	Carbotal BDG 65200
Test Method	API 13A & ASTM
Appearance	White free flowing powder
Solubility in water	Soluble (30°C)
Active Matter (Purity), min. %	>65
Temperature stability (°C)	>150
Moisture content, max. %	10
Bulk Density (kg/m ³)	Minimum- 500
Brookfield Viscosity 25°C, (2% soln.)	Maximum 150 cps
Brookfield Viscosity 25°C, (1% soln.)	Maximum 25 cps
Apparent Viscosity 25°C, (1% soln.)	Maximum 15 cps
pH (1% soln. deionized water)	7 – 11

Usage and Dosage:

From 0.1% to 0.5 % calculated on dry bases or according to customer Procedure.

Packing and Storage

Carbotal BDG65200 is packaged in 25 kg or in kraft paper bag or as per customer requirement. Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

The above information is best to our knowledge and provided for manufacturing purposes. Al Battal Factory for Chemical Industries Company makes no warranty or guarantee concerning the handling, use or application of such product whether alone or in combination with other products in case unexpected events occur. Users are advised to make their own tests to determine the suitability and performance of the product.

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