

DARCO® KB-G

Powdered Activated Carbon

WHY CABOT

Cabot Norit Activated Carbon is a premier activated carbon manufacturer respected for experienced people, diverse products and strong customer relationships. Cabot's history of innovation, product performance, technical expertise and customer focus ensure that you receive the right products and solutions for your specific purification needs.

DARCO KB-G is excellent for the purification of highly colored and/or foaming process liquids in the food, chemical, and pharmaceutical industries. DARCO KB-G combines a superior adsorptive capacity with good filtration characteristics. It is especially effective in adsorbing high molecular weight organics such as large color bodies and proteins, at low carbon dosage rates. DARCO KB-G is produced by chemical activation of wood using the phosphoric acid process.

DARCO KB-G is Kosher certified and meets the requirements of the latest version of the U.S. Food Chemicals Codex.

SPECIFICATIONS

Methylene blue adsorption	min. 28.0	g/100 g
Calcium (acid extr.)	max. 200	mg/kg
Iron (acid extr.)	max. 150	mg/kg
Phosphate (acid extr.)	max. 3.5	mass-%
pH	min. 2.0	-
	max. 3.5	-
Moisture (as packed)	max. 15.0	mass-%



GENERAL CHARACTERISTICS

Molasses number (EUR)	115	-
Total surface area (B.E.T.)	1700	m ² /g
Apparent density, tamped	310	kg/m ³
	19	lb/ft ³
Particle size, D ₁₀	5	µm
Particle size, D ₅₀	20	µm
Particle size, D ₉₀	40	µm
Ash content	2	mass-%
Filtration time	25	min

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NOTES

1. All analyses based on Norit Standard Test Methods (NSTM)
2. Specifications are guaranteed values based on lot to lot quality control, as covered by Cabot's ISO 9001 certification.
3. General characteristics reflect average values of product quality, not to be used as purchase specification.

PACKAGING

DARCO® KB-G is available in:

- Multiply paper bags of 15 kg, 48 bags per pallet, shrink wrapped (720 kg net weight per pallet)
- Bulk bags of 2 x 250 kg net weight on a pallet, shrink wrapped

Product availabilities depend on the type of packaging.



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