

DARCO® S-51

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 S-51 is an acid washed powdered activated carbon produced by steam activation of lignite coal. It has high adsorptive capacity, good filterability, and above average purity. DARCO S-51 is particularly suited for many purification applications such as treatment of sugar solutions, corn syrups, and fine chemicals.

DARCO S-51 is Kosher certified, meets NSF/ANSI Standard 61 and the requirements of the latest version of the U.S. Food Chemicals Codex.

SPECIFICATIONS

Molasses decolorizing efficiency (RE)	min. 95	-
Particle size, laser, D ₅	min. 2.7	µm
Particle size, laser, D ₅₀	min. 30	µm
	max. 42	µm
Particle size, laser, D ₉₅	max. 130	µm
pH	min. 4.3	-
	max. 7.0	-
Moisture (as packed)	max. 10	%

GENERAL CHARACTERISTICS

Surface area	650	m ² /g
Total pore volume	1.0	ml/g
Bulk density, tamped apparent	0.51	g/ml
	32	lb/ft ³
Iron, Zacher method	250	ppm
Water soluble ash	1.0	%

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NOTES

1. Specifications are guaranteed values based on lot to lot quality control, as covered by Cabot's ISO 9001 certification.
2. General characteristics reflect average values of product quality, not to be used as purchase specification.
3. For health and safety related aspects please refer to the Safety Datasheet (SDS), which is available on request.

PACKAGING

DARCO® S-51 is available in:

- 40 lb bag, 50 bags per pallet for a net pallet weight of 2000 lb
- 44.1 lb (20 kg) bag, 50 bags per pallet for a net pallet weight of 2205 lb (1000 kg)
- Woven polypropylene bulk bag with a plastic liner 900 lb net
- Bulk trailer

Product availabilities depend on the type of packaging.



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