

## ACTIVATED CARBONS

## DiamondBlack HD-C

### Description

**DiamondBlack HD-C** is powdered carbon manufactured specifically for the removal of color as well as a broad range of other impurities. **DiamondBlack HD-C** is characterized by large specific surface area, very strong adsorptive powder, low impurity content, and ease of filtration. This product is particularly effective for the purification of chemicals, pharmaceuticals, food products, juices, and wine.

### Specification

### Limits

Iodine:	1000 min (mg/g)
Molasses Performance Index:	40 min
Moisture, as packed:	10% max
pH:	2 – 5 pH
Surface area:	1500-1900 (m <sup>2</sup> /g)
Apparent Density:	210-310 (kg/m <sup>3</sup> )
Ash:	4-8%
Water Soluble:	1-3%
Arsenic	NMT 3mg/kg
Heavy Metals	NMT 10mg/kg
Particle Size:	200 Mesh – 90% min.
Packaging:	20kg Bag
Storage:	In well-closed containers in a dry, cool place

### Regulatory Aspects

**DiamondBlack HD-C** meets the food grade quality of activated carbon as defined in FCC XI.