

TECHNICAL DATASHEET

Rev#07, April22

NEERSORB™ 830C_SPL

GRANULAR ACTIVATED CARBON

NEERSORB™ 830C_SPL is a coconut shell based granular activated carbon produced by high pressure steam activation at 900 - 1100°C by through rotary kiln process. **NEERSORB™ 830C_SPL** is used for drinking water treatment and ground water. Due remediation application to, it is its ease in backwashing suitable for use in DM Plant filters, Tap Water Filters, Desalination Plants and Aquariums. **NEERSORB™ 830C_SPL** is certified by NSF International USA to be used in potable water treatment applications.

PRODUCT SPECIFICATIONS:

S. No.	Test Parameter	Specifications
1.0	Iodine Number, mg/g	1000 min
2.0	BET Surface Area, m ² /g	1100 min
3.0	Moisture, % as packed	Not more than 5.0% w/w
4.0	Ash Content, %	3 max
5.0	Hardness No	98 min.
6.0	Bulk Density, g/ml	0.45 - 0.55
7.0	Mesh Size (US Sieve Series)	
	Greater than 8 mesh (2.36 mm), %	5 max.
	Less than 30 mesh (0.6 mm), %	5 max.

**Customized Sizing available, IV can be adjusted as per client's specific requirement.*

Packaging/Transportation

Standard Packaging in 25 Kg PP Bag / 550 Kg Jumbo Bags
 Customized Packaging available on demand
 Activated Carbon (NOT REGULATED)
 Exempt from DOT, IATA & IMDG Regulations
 Import/Export Classification: 3802.10.0000 (HS Tariff Classification)
 Freight Classification: NMFC 040560
 CAS # 7440-44-0

Material Handling

Wet Activated carbon depletes oxygen from air, and therefore, dangerously low levels of oxygen may be encountered. Direct body exposure should be avoided as a good hygienic practice. Avoid getting this material in contact with your eyes. Avoid prolonged or repeated skin contact with this material. Wash thoroughly after handling. Avoid the formation of airborne dusts. Appropriate protective equipments should be worn. Long term inhalation of high dust concentration can lead to respiratory impairment. Use forced ventilation or dust mask when necessary for protection against airborne dust exposure. Please see the product Material Safety Data Sheet (MSDS) for details.

PRESSURE DROP CURVE (TYPICAL)

