



Product Nomenclature: ACTIVATED CARBON (Grade ACI-HIKA-III) 3x6 - Impregnated

Description:

ACI-HIKA-III is an activated carbon in granular form, made from exclusive grades of coconut shell. It may be utilized for many liquid phase operations, such as organic removal from water streams. Its exceptional hardness level enables it to be a cleaner, longer lasting filter media.



Activated Carbon from coconut shell

Application / Use:

Effluent treatment, purification, decolonization, separation and deodorization, dechlorination.

Properties:

ACI-HIKA-III is the ideal choice for activated carbon applications (see above). Its hardness level allocates the product as one of the more durable activated carbons on the market today. It has a black, dense granule appearance with no odor.

Specifications:

Base Material	Coconut shell charcoal	
Activation Agent	Steam – Air	
C.T.C (Base Carbon)	50 % Min	ASTM-D-3467
Ash Content (Base Carbon)	3 % Max	ASTM-D-2866
Moisture	15 % Max	ASTM-D-2867
Iodine NO (Base Carbon)	1050 Min	ASTM-D-4607
pH	Alkaline	
Bulk Density	0.56 ± 0.03 G / CC	ASTM-D-2854
Mesh Size	3x6 US	ASTM-D-2862
Hardness	98 % Min	ASTM-D-3802
Impregnants	7.5% k2CO3 & 2.5%NaOH	
H2S Adsorption Capacity	0.14 G / CC Min	6646-03



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**Packaging
Transportation
& Disposal:**

Contact customer service at (845) 480-5121 for more information of available packaging. Dispose of in accordance with local, state and federal regulations.

**Storage &
Handling:**

Store in a dry, well ventilated area. Store away from ozone, liquid oxygen, chlorine, permanganate etc. Keep storage container closed until ready for use. Avoid breathing dust. Avoid contact with eyes. Wash hands and contact area after handling.

Precautions:

Wet activated carbon removes oxygen from air causing a severe hazard to workers inside carbon vessels. Confined space / low oxygen procedures should be in place before any entry is made. Such procedures should comply with all applicable Local, State and Federal guidelines.

Warranty:

The O.C. Lugo Co., Inc. will replace any material found to be defective, but accepts no liability through improper storage, handling or application of this product.

Disclaimer:

All data provided herein is based upon years of research, laboratory testing and actual product usage. The O.C. Lugo Co., Inc. makes no representations or warranties of any kind concerning this information.