



TECHNICAL PUBLICATION FOR: 70-100 SERIES ACC ALUMINUM HEATER TREATER ANODES

ACC 70-100

American Carbon Company's Heater Treater anodes are cast in accordance with the highest specifications and documentation. Manufactured in a fully ISO9001:2008 certified facility. Feedback from our customers told us that the market is asking for a smooth surface, round, straight anode to aid in certain assemblies. American Carbon Heater Treater anodes deliver on this request. From the discerning raw material selection to the intricate heating process, our anodes are guaranteed to meet the requirements of your project. While a double nitted 4" long by 3/4" threaded rod is the standard connection core, special cores including eyebolts, smooth rods and rods extending out both ends can be provided.

STANDARD SIZE ANODES IN THE HOUSTON, TX

Product Code	Description	Weight/Anode
70-130	3" Dia. x 30" Long Aluminum Anode with 3/4" threaded rod core	23
70-140	3" Dia. x 60" Long Aluminum Anode with 3/4" threaded rod core	44

CHEMICAL COMPOSITION

Chemical Composition	Percentage
Aluminum (Al)	Balance
Indium (In)	0.016—0.02
Zinc (Zn)	4.75—5.75
Silicon (Si)	0.08—0.12
Copper (Cu)	0.003 max
Iron (Fe)	0.12 max
Cadmium (Cd)	0.002 max
Others, each	0.02 max
Others, total	0.05 max

ELECTROCHEMICAL PROPERTIES

Electrochemical Properties	Performance
Circuit Voltage (-V respect to Cu/CuSO ₄)	1.15 min
Actual Capacity (A•hr/lb)	≥ 1150
Consumption Rate (lb/A•yr)	7.6

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