



ACC WS AC i1050 I

WHY ACC

- ✓ ACC offers products from the **top-class** activated carbon manufacturers
 - ✓ ACC ensures a **one-stop service** for various demands from customers.
 - ✓ **Double quality guarantee** from both manufacturer side and ACC side after production and before delivery.
- Approved by many authorized institutions from different fields such as **NSF, BV, HALA, Kosher**.etc.

This product is a principal high activity granular activated carbon manufactured by steam activation from selected grades of bituminous coal. The perfect balance between adsorption and transport pores provides optimum performance in a wide range of water treatment applications. The product is a high density adsorbent and provides maximum volume activity. The material is water washed during manufacture and therefore wets rapidly. The excellent hardness and mechanical strength ensures negligible losses during backwashing, air scouring and multiple reactivations.

Package: Packed in 500kg jumbo bags or 25kg bags. Other packaging is available upon your request.

Standards: All the above test methods are performed using ASTM protocol for activated carbon.

SPECIFICATIONS

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Iodine number	1050 mg/g min
Surface area	1100 m2/g
Methylene blue	280 mg/g
Total pore volume	1.04 cm3/g
Apparent density	470 kg/m3
Bed density, back washed and drained	410 kg/m3
Wetability	99.5%
Moisture content – as packed	2%
Water soluble matter	0.2%
PH	8
Chlorine half length value (12x40 USS)	2.2cm
Ball-pan hardness number	95%

PARAMETER	UNIT	20x40 USS	12x40 USS	8x30 USS	10x20 USS	8x16 USS	6x12 USS
Available particle sizes	mm	0.425-0.85	0.425-1.70	0.60-2.36	0.85-2.00	1.18-2.36	1.70-3.36
Oversize maximum	%	5	5	5	5	5	5
Undersize maximum	%	4	4	4	4	4	4
Effective size	mm	0.4	0.6	0.8	1.0	1.2	1.8
Uniformity Coefficient		1.5	1.7	1.7	1.6	1.5	1.2
Mean particle diameter	mm	0.6	1.0	1.4	1.4	1.8	2.3