



### ***J-Chem AC***

## **Activated Carbon (Granular and Powder)**

Activated Carbon is a porous product consisting mainly of elementary carbon modified to have a huge internal surface area: typical 500 up to 1500 m<sup>2</sup>/g

## **TYPICAL CHEMICAL AND PHYSICAL PROPERTIES**

### **A. CATALYST DESCRIPTION**

Designation

***J-CHEM AC***

### **B. TYPICAL PROPERTIES**

Size ( Dia mm)	1.5	3.0	4.0
Moisture %	≅ 3	≅ 3	≅ 3
Iodine Value mg/g	1050	1100	1100
Bulk Density g/ml	≅ 0.45	≅ 0.44	≅ 0.43
Crush Strength N/n	≅ 85	≅ 90	≅ 95
CCl <sub>4</sub> Absorption %	≅ 70	≅ 80	≅ 80
Ash content %	≅ 8	≅ 8	≅ 8

***J-Chem AC-PSA***

**PSA Activated Carbon**

Apply in recovering high purity hydrogen by PSA from refining gas, city gas, coking gas and etc.

**TYPICAL CHEMICAL AND PHYSICAL PROPERTIES**

**C. CATALYST DESCRIPTION**

Designation

***J-CHEM*** AC-PSA

**D. TYPICAL PROPERTIES**

Size ( Dia mm)	1.5	3.0	4.0
Moisture %	≦ 3	≦ 3	≦ 3
Bulk Density g/ml	≧0.52	≧0.47	≧0.46
Crush Strength N/n	≧90	≧95	≧95
CO <sub>2</sub> %	≧60	≧55	≧55
CCl <sub>4</sub> Absorption %	≧50	≧60	≧60
Ash content %	≦ 12	≦ 12	≦ 12