



## **Technical Data sheet - GS48**

### **ACTIVATED CARBON**

GS48 is a granular activated carbon produced by steam activation of select grades of charcoal. As a result of a unique patented activation process and stringent quality control, GS48 offers excellent adsorption properties.

#### **GS48VR**

Product Code	Particle size distribution	Apparent density	Moisture content	CTC activity	Iodine value	Ash content	Ball pan hardness	PH value	
ASTM	D 2862	D 2854	D 2867	D 3467	D 4607	D 2866	D 3802	D 3838	
Unit	%		gm/cc	%	mg/g	%	%	Range	
	+4	- 8							
GS48VR45	5.0	5.0	500 - 560	4.0	45.0	950.0	3.0	99.0 min	8.5 - 10.5
GS48VR50			500 - 560	4.0	50.0	1000.0	3.0	98.0 min	8.5 - 10.5
GS48VR55			500 - 560	4.0	55.0	1050.0	3.0	98.0 min	8.5 - 10.5
GS48VR60			440 - 510	4.0	60.0	1100.0	3.0	98.0 min	8.5 - 10.5
GS48VR65			440 - 510	4.0	65.0	1150.0	3.0	98.0 min	8.5 - 10.5
GS48VR70			440 - 510	4.0	70.0	1200.0	3.0	97.0 min	8.5 - 10.5
GS48VR75			400 - 450	4.0	75.0	1250.0	3.0	96.0 min	8.5 - 10.5
GS48VR80			400 - 450	4.0	80.0	1300.0	3.0	96.0 min	8.5 - 10.5

VR: virgin carbon

#### **GS48AW**

Product Code	Particle size distribution	Apparent density	Moisture content	CTC activity	Iodine value	Ash content	Ball pan hardness	PH value	
ASTM	D 2862	D 2854	D 2867	D 3467	D 4607	D 2866	D 3802	D 3838	
Unit	%		gm/cc	%	mg/g	%	%	Range	
	+4	- 8							
GS48AW45	5.0	5.0	500 - 560	4.0	45.0	950.0	1.0	99.0 min	6 - 8
GS48AW50			500 - 560	4.0	50.0	1000.0	1.0	98.0 min	6 - 8
GS48AW55			500 - 560	4.0	55.0	1050.0	1.0	98.0 min	6 - 8
GS48AW60			440 - 510	4.0	60.0	1100.0	1.0	98.0 min	6 - 8
GS48AW65			440 - 510	4.0	65.0	1150.0	1.0	98.0 min	6 - 8
GS48AW70			440 - 510	4.0	70.0	1200.0	1.0	97.0 min	6 - 8
GS48AW75			400 - 450	4.0	75.0	1250.0	1.0	96.0 min	6 - 8
GS48AW80			400 - 450	4.0	80.0	1300.0	1.0	96.0 min	6 - 8

AW: Acid washed carbon

Genuine Shell Carb Pvt Ltd.,

SF.No.810,Samanaikan palayam,No.4 Veerapandi(Post),Press colony (Via)Coimbatore-641019 Tamilnadu-India,email id:sales@genuineshellcarb.in, web:www.genuineshellcarb.in,Telephone: 0422 2697979



# Genuine Shell Carb (P) Ltd

## GS48WW

Product Code	Particle size distribution	Apparent density	Moisture content	CTC activity	Iodine value	Ash content	Ball pan hardness	PH value	
ASTM	D 2862	D 2854	D 2867	D 3467	D 4607	D 2866	D 3802	D 3838	
Unit	%		gm/cc	%	%	mg/g	%	%	Range
	+4	- 8							
GS48WW45	5.0	5.0	500 - 560	4.0	45.0	950.0	2.0	99.0 min	8 - 9
GS48WW50			500 - 560	4.0	50.0	1000.0	2.0	98.0 min	8 - 9
GS48WW55			500 - 560	4.0	55.0	1050.0	2.0	98.0 min	8 - 9
GS48WW60			440 - 510	4.0	60.0	1100.0	2.0	98.0 min	8 - 9
GS48WW65			440 - 510	4.0	65.0	1150.0	2.0	98.0 min	8 - 9
GS48WW70			440 - 510	4.0	70.0	1200.0	2.0	97.0 min	8 - 9
GS48WW75			400 - 450	4.0	75.0	1250.0	2.0	96.0 min	8 - 9
GS48WW80			400 - 450	4.0	80.0	1300.0	2.0	96.0 min	8 - 9

WW: Water washed carbon

### Note:

Butane value may be based upon the ASTM D3467 correlation, Butane activity = CTC activity/2.55

### Material handling:

Wet activated carbon depletes oxygen from air and, therefore dangerously low levels of oxygen may be encountered. Whenever workers enter a vessel containing activated carbon, the vessel's oxygen content should be determined and work procedures for potentially low oxygen areas should be followed. appropriate protective equipment should be worn. avoid inhalation of excessive carbon dust. no problems are known to be associated in handling this material. this product may contain silica. please see the product material safety Data sheet for details. long-term inhalation of high dust concentrations can lead to respiratory impairment. use forced ventilation or a dust mask when necessary for protection against airborne dust exposure.

Genuine Shell Carb Pvt Ltd.,

SF.No.810,Samanaikan palayam,No.4 Veerapandi(Post),Press colony (Via)Coimbatore-641019 Tamilnadu-India,email id:sales@genuineshellcarb.in, web:www.genuineshellcarb.in,Telephone: 0422 2697979