



## Technical Data sheet - GS1630

### ACTIVATED CARBON

GS1630 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, GS1630 offers excellent adsorption properties.

#### GS1630VR

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
	+16	- 30							
GS1630VR45	5.0	5.0	550 - 580	4.0	45.0	950.0	3.0	99.0 min	8.5 - 10.5
GS1630VR50			550 - 580	4.0	50.0	1000.0	3.0	98.0 min	8.5 - 10.5
GS1630VR55			550 - 580	4.0	55.0	1050.0	3.0	98.0 min	8.5 - 10.5
GS1630VR60			550 - 580	4.0	60.0	1100.0	3.0	98.0 min	8.5 - 10.5
GS1630VR65			550 - 580	4.0	65.0	1150.0	3.0	98.0 min	8.5 - 10.5
GS1630VR70			470 - 530	4.0	70.0	1200.0	3.0	97.0 min	8.5 - 10.5
GS1630VR75			430 - 480	4.0	75.0	1250.0	3.0	96.0 min	8.5 - 10.5
GS1630VR80			430 - 480	4.0	80.0	1300.0	3.0	96.0 min	8.5 - 10.5
GS1630VR85			430 - 480	4.0	85.0	1350.0	3.0	96.0 min	8.5 - 10.5
GS1630VR90			400 - 450	4.0	90.0	1400.0	3.0	95.0 min	8.5 - 10.5
GS1630VR100			400 - 450	4.0	100.0	1450.0	3.0	95.0 min	8.5 - 10.5

VR: virgin carbon

#### GS1630AW

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
	+16	- 30							
GS1630AW45	5.0	5.0	550 - 580	4.0	45.0	950.0	1.0	99.0 min	6 - 8
GS1630AW50			550 - 580	4.0	50.0	1000.0	1.0	98.0 min	6 - 8
GS1630AW55			550 - 580	4.0	55.0	1050.0	1.0	98.0 min	6 - 8
GS1630AW60			550 - 580	4.0	60.0	1100.0	1.0	98.0 min	6 - 8
GS1630AW65			550 - 580	4.0	65.0	1150.0	1.0	98.0 min	6 - 8
GS1630AW70			470 - 530	4.0	70.0	1200.0	1.0	97.0 min	6 - 8
GS1630AW75			430 - 480	4.0	75.0	1250.0	1.0	96.0 min	6 - 8
GS1630AW80			430 - 480	4.0	80.0	1300.0	1.0	96.0 min	6 - 8
GS1630AW85			430 - 480	4.0	85.0	1350.0	1.0	96.0 min	6 - 8
GS1630AW90			400 - 450	4.0	90.0	1400.0	1.0	95.0 min	6 - 8
GS1630AW100			400 - 450	4.0	100.0	1450.0	1.0	95.0 min	6 - 8

AW: Acid washed carbon



## GS1630WW

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
	+16	- 30							
GS1630WW45	5.0	5.0	550 - 580	4.0	45.0	950.0	2.0	99.0 min	8 - 9
GS1630WW50			550 - 580	4.0	50.0	1000.0	2.0	98.0 min	8 - 9
GS1630WW55			550 - 580	4.0	55.0	1050.0	2.0	98.0 min	8 - 9
GS1630WW60			550 - 580	4.0	60.0	1100.0	2.0	98.0 min	8 - 9
GS1630WW65			550 - 580	4.0	65.0	1150.0	2.0	98.0 min	8 - 9
GS1630WW70			470 - 530	4.0	70.0	1200.0	2.0	97.0 min	8 - 9
GS1630WW75			430 - 480	4.0	75.0	1250.0	2.0	96.0 min	8 - 9
GS1630WW80			430 - 480	4.0	80.0	1300.0	2.0	96.0 min	8 - 9
GS1630WW85			430 - 480	4.0	85.0	1350.0	2.0	96.0 min	8 - 9
GS1630WW90			400 - 450	4.0	90.0	1400.0	2.0	95.0 min	8 - 9
GS1630WW100			400 - 450	4.0	100.0	1450.0	2.0	95.0 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.