



## Technical Data sheet - GS3570

### ACTIVATED CARBON

GS3570 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, GS3570 offers excellent adsorption properties.

#### GS3570VR

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
	+35	- 70							
GS3570VR45	5.0	5.0	520 - 590	5.0	45.0	950.0	5.0	99.0 min	8.5 - 10.5
GS3570VR50			520 - 590	5.0	50.0	1000.0	5.0	98.0 min	8.5 - 10.5
GS3570VR55			520 - 590	5.0	55.0	1050.0	5.0	98.0 min	8.5 - 10.5
GS3570VR60			520 - 590	5.0	60.0	1100.0	5.0	98.0 min	8.5 - 10.5
GS3570VR65			460 - 540	5.0	65.0	1150.0	5.0	98.0 min	8.5 - 10.5
GS3570VR70			460 - 540	5.0	70.0	1200.0	5.0	97.0 min	8.5 - 10.5
GS3570VR75			420 - 520	5.0	75.0	1250.0	5.0	96.0 min	8.5 - 10.5
GS3570VR80			420 - 520	5.0	80.0	1300.0	5.0	96.0 min	8.5 - 10.5
GS3570VR85			420 - 520	5.0	85.0	1350.0	5.0	96.0 min	8.5 - 10.5
GS3570VR90			420 - 520	5.0	90.0	1400.0	5.0	95.0 min	8.5 - 10.5
GS3570VR100			420 - 520	5.0	100.0	1450.0	5.0	95.0 min	8.5 - 10.5

VR: virgin carbon

#### GS3570AW

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
	+35	- 70							
GS3570AW45	5.0	5.0	520 - 590	5.0	45.0	950.0	2.0	99.0 min	6 - 8
GS3570AW50			520 - 590	5.0	50.0	1000.0	2.0	98.0 min	6 - 8
GS3570AW55			520 - 590	5.0	55.0	1050.0	2.0	98.0 min	6 - 8
GS3570AW60			520 - 590	5.0	60.0	1100.0	2.0	98.0 min	6 - 8
GS3570AW65			460 - 540	5.0	65.0	1150.0	2.0	98.0 min	6 - 8
GS3570AW70			460 - 540	5.0	70.0	1200.0	2.0	97.0 min	6 - 8
GS3570AW75			420 - 520	5.0	75.0	1250.0	2.0	96.0 min	6 - 8
GS3570AW80			420 - 520	5.0	80.0	1300.0	2.0	96.0 min	6 - 8
GS3570AW85			420 - 520	5.0	85.0	1350.0	2.0	96.0 min	6 - 8
GS3570AW90			420 - 520	5.0	90.0	1400.0	2.0	95.0 min	6 - 8
GS3570AW100			420 - 520	5.0	100.0	1450.0	2.0	95.0 min	6 - 8

AW: Acid washed carbon



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## GS3570WW

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
	+35	- 70							
GS3570WW45	5.0	5.0	520 - 590	5.0	45.0	950.0	3.0	99.0 min	8 - 9
GS3570WW50			520 - 590	5.0	50.0	1000.0	3.0	98.0 min	8 - 9
GS3570WW55			520 - 590	5.0	55.0	1050.0	3.0	98.0 min	8 - 9
GS3570WW60			520 - 590	5.0	60.0	1100.0	3.0	98.0 min	8 - 9
GS3570WW65			460 - 540	5.0	65.0	1150.0	3.0	98.0 min	8 - 9
GS3570WW70			460 - 540	5.0	70.0	1200.0	3.0	97.0 min	8 - 9
GS3570WW75			420 - 520	5.0	75.0	1250.0	3.0	96.0 min	8 - 9
GS3570WW80			420 - 520	5.0	80.0	1300.0	3.0	96.0 min	8 - 9
GS3570WW85			420 - 520	5.0	85.0	1350.0	3.0	96.0 min	8 - 9
GS3570WW90			420 - 520	5.0	90.0	1400.0	3.0	95.0 min	8 - 9
GS3570WW100			420 - 520	5.0	100.0	1450.0	3.0	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.

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