



Technical Data sheet - GS2060

ACTIVATED CARBON

GS2060 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, GS2060 offers excellent adsorption properties.

GS2060VR

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
	+20	- 60							
GS2060VR45	5.0	5.0	520 - 580	5.0	45.0	950.0	5.0	99.0 min	8.5 - 10.5
GS2060VR50			520 - 580	5.0	50.0	1000.0	5.0	98.0 min	8.5 - 10.5
GS2060VR55			520 - 580	5.0	55.0	1050.0	5.0	98.0 min	8.5 - 10.5
GS2060VR60			520 - 580	5.0	60.0	1100.0	5.0	98.0 min	8.5 - 10.5
GS2060VR65			520 - 580	5.0	65.0	1150.0	5.0	98.0 min	8.5 - 10.5
GS2060VR70			520 - 580	5.0	70.0	1200.0	5.0	97.0 min	8.5 - 10.5
GS2060VR75			520 - 580	5.0	75.0	1250.0	5.0	96.0 min	8.5 - 10.5
GS2060VR80			420 - 500	5.0	80.0	1300.0	5.0	96.0 min	8.5 - 10.5
GS2060VR85			420 - 500	5.0	85.0	1350.0	5.0	96.0 min	8.5 - 10.5
GS2060VR90			420 - 500	5.0	90.0	1400.0	5.0	95.0 min	8.5 - 10.5
GS2060VR100			420 - 500	5.0	100.0	1450.0	5.0	95.0 min	8.5 - 10.5

VR: virgin carbon

GS2060AW

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
	+20	- 60							
GS2060AW45	5.0	5.0	520 - 580	5.0	45.0	950.0	2.0	99.0 min	6 - 8
GS2060AW50			520 - 580	5.0	50.0	1000.0	2.0	98.0 min	6 - 8
GS2060AW55			520 - 580	5.0	55.0	1050.0	2.0	98.0 min	6 - 8
GS2060AW60			520 - 580	5.0	60.0	1100.0	2.0	98.0 min	6 - 8
GS2060AW65			520 - 580	5.0	65.0	1150.0	2.0	98.0 min	6 - 8
GS2060AW70			520 - 580	5.0	70.0	1200.0	2.0	97.0 min	6 - 8
GS2060AW75			520 - 580	5.0	75.0	1250.0	2.0	96.0 min	6 - 8
GS2060AW80			420 - 500	5.0	80.0	1300.0	2.0	96.0 min	6 - 8
GS2060AW85			420 - 500	5.0	85.0	1350.0	2.0	96.0 min	6 - 8
GS2060AW90			420 - 500	5.0	90.0	1400.0	2.0	95.0 min	6 - 8
GS2060AW100			420 - 500	5.0	100.0	1450.0	2.0	95.0 min	6 - 8

AW: Acid washed carbon



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GS2060WW

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
	+20	- 60							
GS2060WW45	5.0	5.0	520 - 580	5.0	45.0	950.0	3.0	99.0 min	8 - 9
GS2060WW50			520 - 580	5.0	50.0	1000.0	3.0	98.0 min	8 - 9
GS2060WW55			520 - 580	5.0	55.0	1050.0	3.0	98.0 min	8 - 9
GS2060WW60			520 - 580	5.0	60.0	1100.0	3.0	98.0 min	8 - 9
GS2060WW65			520 - 580	5.0	65.0	1150.0	3.0	98.0 min	8 - 9
GS2060WW70			520 - 580	5.0	70.0	1200.0	3.0	97.0 min	8 - 9
GS2060WW75			520 - 580	5.0	75.0	1250.0	3.0	96.0 min	8 - 9
GS2060WW80			420 - 500	5.0	80.0	1300.0	3.0	96.0 min	8 - 9
GS2060WW85			420 - 500	5.0	85.0	1350.0	3.0	96.0 min	8 - 9
GS2060WW90			420 - 500	5.0	90.0	1400.0	3.0	95.0 min	8 - 9
GS2060WW100			420 - 500	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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