



Technical Data sheet - GS3060

ACTIVATED CARBON

GS3060 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, GS3060 offers excellent adsorption properties.

GS3060VR

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
	+30	- 60							
GS3060VR45	5.0	5.0	520 - 590	5.0	45.0	950.0	5.0	99.0 min	8.5 - 10.5
GS3060VR50			520 - 590	5.0	50.0	1000.0	5.0	98.0 min	8.5 - 10.5
GS3060VR55			520 - 590	5.0	55.0	1050.0	5.0	98.0 min	8.5 - 10.5
GS3060VR60			520 - 590	5.0	60.0	1100.0	5.0	98.0 min	8.5 - 10.5
GS3060VR65			460 - 540	5.0	65.0	1150.0	5.0	98.0 min	8.5 - 10.5
GS3060VR70			460 - 540	5.0	70.0	1200.0	5.0	97.0 min	8.5 - 10.5
GS3060VR75			420 - 520	5.0	75.0	1250.0	5.0	96.0 min	8.5 - 10.5
GS3060VR80			420 - 520	5.0	80.0	1300.0	5.0	96.0 min	8.5 - 10.5
GS3060VR85			420 - 520	5.0	85.0	1350.0	5.0	96.0 min	8.5 - 10.5
GS3060VR90			420 - 520	5.0	90.0	1400.0	5.0	95.0 min	8.5 - 10.5
GS3060VR100			420 - 520	5.0	100.0	1450.0	5.0	95.0 min	8.5 - 10.5

VR: virgin carbon

GS3060AW

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
	+30	- 60							
GS3060AW45	5.0	5.0	520 - 590	5.0	45.0	950.0	2.0	99.0 min	6 - 8
GS3060AW50			520 - 590	5.0	50.0	1000.0	2.0	98.0 min	6 - 8
GS3060AW55			520 - 590	5.0	55.0	1050.0	2.0	98.0 min	6 - 8
GS3060AW60			520 - 590	5.0	60.0	1100.0	2.0	98.0 min	6 - 8
GS3060AW65			460 - 540	5.0	65.0	1150.0	2.0	98.0 min	6 - 8
GS3060AW70			460 - 540	5.0	70.0	1200.0	2.0	97.0 min	6 - 8
GS3060AW75			420 - 520	5.0	75.0	1250.0	2.0	96.0 min	6 - 8
GS3060AW80			420 - 520	5.0	80.0	1300.0	2.0	96.0 min	6 - 8
GS3060AW85			420 - 520	5.0	85.0	1350.0	2.0	96.0 min	6 - 8
GS3060AW90			420 - 520	5.0	90.0	1400.0	2.0	95.0 min	6 - 8
GS3060AW100			420 - 520	5.0	100.0	1450.0	2.0	95.0 min	6 - 8

AW: Acid washed carbon



GS3060WW

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
	+30	- 60							
GS3060WW45	5.0	5.0	520 - 590	5.0	45.0	950.0	3.0	99.0 min	8 - 9
GS3060WW50			520 - 590	5.0	50.0	1000.0	3.0	98.0 min	8 - 9
GS3060WW55			520 - 590	5.0	55.0	1050.0	3.0	98.0 min	8 - 9
GS3060WW60			520 - 590	5.0	60.0	1100.0	3.0	98.0 min	8 - 9
GS3060WW65			460 - 540	5.0	65.0	1150.0	3.0	98.0 min	8 - 9
GS3060WW70			460 - 540	5.0	70.0	1200.0	3.0	97.0 min	8 - 9
GS3060WW75			420 - 520	5.0	75.0	1250.0	3.0	96.0 min	8 - 9
GS3060WW80			420 - 520	5.0	80.0	1300.0	3.0	96.0 min	8 - 9
GS3060WW85			420 - 520	5.0	85.0	1350.0	3.0	96.0 min	8 - 9
GS3060WW90			420 - 520	5.0	90.0	1400.0	3.0	95.0 min	8 - 9
GS3060WW100			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.