



Technical Data sheet - GS3580

ACTIVATED CARBON

GS3580 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, GS3580 offers excellent adsorption properties.

GS3580VR

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	- 80							
GS3580VR45	5.0	5.0	520 - 590	5.0	45.0	950.0	5.0	99.0 min	8.5 - 10.5
GS3580VR50			520 - 590	5.0	50.0	1000.0	5.0	98.0 min	8.5 - 10.5
GS3580VR55			520 - 590	5.0	55.0	1050.0	5.0	98.0 min	8.5 - 10.5
GS3580VR60			520 - 590	5.0	60.0	1100.0	5.0	98.0 min	8.5 - 10.5
GS3580VR65			460 - 540	5.0	65.0	1150.0	5.0	98.0 min	8.5 - 10.5
GS3580VR70			460 - 540	5.0	70.0	1200.0	5.0	97.0 min	8.5 - 10.5
GS3580VR75			420 - 520	5.0	75.0	1250.0	5.0	96.0 min	8.5 - 10.5
GS3580VR80			420 - 520	5.0	80.0	1300.0	5.0	96.0 min	8.5 - 10.5
GS3580VR85			420 - 520	5.0	85.0	1350.0	5.0	96.0 min	8.5 - 10.5
GS3580VR90			420 - 520	5.0	90.0	1400.0	5.0	95.0 min	8.5 - 10.5
GS3580VR100			420 - 520	5.0	100.0	1450.0	5.0	95.0 min	8.5 - 10.5

VR: virgin carbon

GS3580AW

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	- 80							
GS3580AW45	5.0	5.0	520 - 590	5.0	45.0	950.0	2.0	99.0 min	6 - 8
GS3580AW50			520 - 590	5.0	50.0	1000.0	2.0	98.0 min	6 - 8
GS3580AW55			520 - 590	5.0	55.0	1050.0	2.0	98.0 min	6 - 8
GS3580AW60			520 - 590	5.0	60.0	1100.0	2.0	98.0 min	6 - 8
GS3580AW65			460 - 540	5.0	65.0	1150.0	2.0	98.0 min	6 - 8
GS3580AW70			460 - 540	5.0	70.0	1200.0	2.0	97.0 min	6 - 8
GS3580AW75			420 - 520	5.0	75.0	1250.0	2.0	96.0 min	6 - 8
GS3580AW80			420 - 520	5.0	80.0	1300.0	2.0	96.0 min	6 - 8
GS3580AW85			420 - 520	5.0	85.0	1350.0	2.0	96.0 min	6 - 8
GS3580AW90			420 - 520	5.0	90.0	1400.0	2.0	95.0 min	6 - 8
GS3580AW100			420 - 520	5.0	100.0	1450.0	5.0	95.0 min	6 - 8

AW: Acid washed carbon



Genuine Shell Carb (P) Ltd

GS3580WW

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	- 80							
GS3580WW45	5.0	5.0	520 - 590	5.0	45.0	950.0	3.0	99.0 min	8 - 9
GS3580WW50			520 - 590	5.0	50.0	1000.0	3.0	98.0 min	8 - 9
GS3580WW55			520 - 590	5.0	55.0	1050.0	3.0	98.0 min	8 - 9
GS3580WW60			520 - 590	5.0	60.0	1100.0	3.0	98.0 min	8 - 9
GS3580WW65			460 - 540	5.0	65.0	1150.0	3.0	98.0 min	8 - 9
GS3580WW70			460 - 540	5.0	70.0	1200.0	3.0	97.0 min	8 - 9
GS3580WW75			420 - 520	5.0	75.0	1250.0	3.0	96.0 min	8 - 9
GS3580WW80			420 - 520	5.0	80.0	1300.0	3.0	96.0 min	8 - 9
GS3580WW85			420 - 520	5.0	85.0	1350.0	3.0	96.0 min	8 - 9
GS3580WW90			420 - 520	5.0	90.0	1400.0	3.0	95.0 min	8 - 9
GS3580WW100			420 - 520	5.0	100.0	1450.0	5.0	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.