



Technical Data sheet - GS1220

ACTIVATED CARBON

GS1220 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, GS1220 offers excellent adsorption properties.

GS1220VR

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
	+12	- 20							
GS1220VR45	5.0	5.0	550 - 580	4.0	45.0	950.0	3.0	99.0 min	8.5 - 10.5
GS1220VR50			550 - 580	4.0	50.0	1000.0	3.0	98.0 min	8.5 - 10.5
GS1220VR55			550 - 580	4.0	55.0	1050.0	3.0	98.0 min	8.5 - 10.5
GS1220VR60			550 - 580	4.0	60.0	1100.0	3.0	98.0 min	8.5 - 10.5
GS1220VR65			550 - 580	4.0	65.0	1150.0	3.0	98.0 min	8.5 - 10.5
GS1220VR70			470 - 550	4.0	70.0	1200.0	3.0	97.0 min	8.5 - 10.5
GS1220VR75			470 - 550	4.0	75.0	1250.0	3.0	96.0 min	8.5 - 10.5
GS1220VR80			440 - 500	4.0	80.0	1300.0	3.0	96.0 min	8.5 - 10.5
GS1220VR85			440 - 500	4.0	85.0	1350.0	3.0	96.0 min	8.5 - 10.5
GS1220VR90			400 - 480	4.0	90.0	1400.0	3.0	95.0 min	8.5 - 10.5
GS1220VR100			400 - 480	4.0	100.0	1450.0	3.0	95.0 min	8.5 - 10.5

VR: virgin carbon

GS1220AW

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
	+12	- 20							
GS1220AW45	5.0	5.0	550 - 580	4.0	45.0	950.0	1.0	99.0 min	6 - 8
GS1220AW50			550 - 580	4.0	50.0	1000.0	1.0	98.0 min	6 - 8
GS1220AW55			550 - 580	4.0	55.0	1050.0	1.0	98.0 min	6 - 8
GS1220AW60			550 - 580	4.0	60.0	1100.0	1.0	98.0 min	6 - 8
GS1220AW65			550 - 580	4.0	65.0	1150.0	1.0	98.0 min	6 - 8
GS1220AW70			470 - 550	4.0	70.0	1200.0	1.0	97.0 min	6 - 8
GS1220AW75			470 - 550	4.0	75.0	1250.0	1.0	96.0 min	6 - 8
GS1220AW80			440 - 500	4.0	80.0	1300.0	1.0	96.0 min	6 - 8
GS1220AW85			440 - 500	4.0	85.0	1350.0	1.0	96.0 min	6 - 8
GS1220AW90			400 - 480	4.0	90.0	1400.0	1.0	95.0 min	6 - 8
GS1220AW100			400 - 480	4.0	100.0	1450.0	1.0	95.0 min	6 - 8

AW: Acid washed carbon

Genuine Shell Carb Pvt Ltd.,

SF. No.810,Samanaikan palayam,No.4 Veerapandi(Post),Press colony (Via) Coimbatore-641019 Tamilnadu-India,email id:sales@genuineshellcarb.in, web:www.genuineshellcarb.in,Telephone: 0422 2697979



GS1220WW

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
	+12	- 20							
GS1220WW45	5.0	5.0	550 - 580	4.0	45.0	950.0	2.0	99.0 min	8 - 9
GS1220WW50			550 - 580	4.0	50.0	1000.0	2.0	98.0 min	8 - 9
GS1220WW55			550 - 580	4.0	55.0	1050.0	2.0	98.0 min	8 - 9
GS1220WW60			550 - 580	4.0	60.0	1100.0	2.0	98.0 min	8 - 9
GS1220WW65			550 - 580	4.0	65.0	1150.0	2.0	98.0 min	8 - 9
GS1220WW70			470 - 550	4.0	70.0	1200.0	2.0	97.0 min	8 - 9
GS1220WW75			470 - 550	4.0	75.0	1250.0	2.0	96.0 min	8 - 9
GS1220WW80			440 - 500	4.0	80.0	1300.0	2.0	96.0 min	8 - 9
GS1220WW85			440 - 500	4.0	85.0	1350.0	2.0	96.0 min	8 - 9
GS1220WW90			400 - 480	4.0	90.0	1400.0	2.0	95.0 min	8 - 9
GS1220WW100			400 - 480	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.