



Technical Data sheet - GS1240

ACTIVATED CARBON

GS1240 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, GS1240 offers excellent adsorption properties.

GS1240VR

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	- 40							
GS1240VR45	5.0	5.0	520 - 580	4.0	45.0	950.0	3.0	99.0 min	8.5 - 10.5
GS1240VR50			520 - 580	4.0	50.0	1000.0	3.0	98.0 min	8.5 - 10.5
GS1240VR55			520 - 580	4.0	55.0	1050.0	3.0	98.0 min	8.5 - 10.5
GS1240VR60			520 - 580	4.0	60.0	1100.0	3.0	98.0 min	8.5 - 10.5
GS1240VR65			520 - 580	4.0	65.0	1150.0	3.0	98.0 min	8.5 - 10.5
GS1240VR70			520 - 580	4.0	70.0	1200.0	3.0	97.0 min	8.5 - 10.5
GS1240VR75			430 - 470	4.0	75.0	1250.0	3.0	96.0 min	8.5 - 10.5
GS1240VR80			430 - 470	4.0	80.0	1300.0	3.0	96.0 min	8.5 - 10.5
GS1240VR85			430 - 470	4.0	85.0	1350.0	3.0	96.0 min	8.5 - 10.5
GS1240VR90			400 - 450	4.0	90.0	1400.0	3.0	95.0 min	8.5 - 10.5
GS1240VR100			400 - 450	4.0	100.0	1450.0	3.0	95.0 min	8.5 - 10.5

VR: virgin carbon

GS1240AW

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	- 40							
GS1240AW45	5.0	5.0	520 - 580	4.0	45.0	950.0	1.0	99.0 min	6 - 8
GS1240AW50			520 - 580	4.0	50.0	1000.0	1.0	98.0 min	6 - 8
GS1240AW55			520 - 580	4.0	55.0	1050.0	1.0	98.0 min	6 - 8
GS1240AW60			520 - 580	4.0	60.0	1100.0	1.0	98.0 min	6 - 8
GS1240AW65			520 - 580	4.0	65.0	1150.0	1.0	98.0 min	6 - 8
GS1240AW70			520 - 580	4.0	70.0	1200.0	1.0	97.0 min	6 - 8
GS1240AW75			430 - 470	4.0	75.0	1250.0	1.0	96.0 min	6 - 8
GS1240AW80			430 - 470	4.0	80.0	1300.0	1.0	96.0 min	6 - 8
GS1240AW85			430 - 470	4.0	85.0	1350.0	1.0	96.0 min	6 - 8
GS1240AW90			400 - 450	4.0	90.0	1400.0	1.0	95.0 min	6 - 8
GS1240AW100			400 - 450	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



GS1240WW

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	- 40							
GS1240WW45	5.0	5.0	520 - 580	4.0	45.0	950.0	2.0	99.0 min	8 - 9
GS1240WW50			520 - 580	4.0	50.0	1000.0	2.0	98.0 min	8 - 9
GS1240WW55			520 - 580	4.0	55.0	1050.0	2.0	98.0 min	8 - 9
GS1240WW60			520 - 580	4.0	60.0	1100.0	2.0	98.0 min	8 - 9
GS1240WW65			520 - 580	4.0	65.0	1150.0	2.0	98.0 min	8 - 9
GS1240WW70			520 - 580	4.0	70.0	1200.0	2.0	97.0 min	8 - 9
GS1240WW75			430 - 470	4.0	75.0	1250.0	2.0	96.0 min	8 - 9
GS1240WW80			430 - 470	4.0	80.0	1300.0	2.0	96.0 min	8 - 9
GS1240WW85			430 - 470	4.0	85.0	1350.0	2.0	96.0 min	8 - 9
GS1240WW90			400 - 450	4.0	90.0	1400.0	2.0	95.0 min	8 - 9
GS1240WW100			400 - 450	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.