



Technical Data sheet - GS40140

ACTIVATED CARBON

GS40140 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, GS40140 offers excellent adsorption properties.

GS40140VR

Product Code	Particle size distribution		Apparent density	Moisture content	Iodine value	Ash content	PH value
ASTM	D 2862		D 2854	D 2867	D 4607	D 2866	D 3838
Unit	%		gm/cc	%	mg/g	%	Range
	+40	- 140					
GS40140VR45	5.0	5.0	450 - 550	5.0	950.0	6.0	8.5 - 10.5
GS40140VR50			450 - 550	5.0	1000.0	6.0	8.5 - 10.5
GS40140VR55			450 - 550	5.0	1050.0	6.0	8.5 - 10.5
GS40140VR60			450 - 550	5.0	1100.0	6.0	8.5 - 10.5
GS40140VR65			450 - 550	5.0	1150.0	6.0	8.5 - 10.5
GS40140VR70			400 - 530	5.0	1200.0	6.0	8.5 - 10.5
GS40140VR75			400 - 530	5.0	1250.0	6.0	8.5 - 10.5
GS40140VR80			400 - 530	5.0	1300.0	6.0	8.5 - 10.5
GS40140VR85			400 - 530	5.0	1350.0	6.0	8.5 - 10.5
GS40140VR90			400 - 530	5.0	1400.0	6.0	8.5 - 10.5
GS40140VR100			400 - 530	5.0	1450.0	6.0	8.5 - 10.5

VR: virgin carbon

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.