

Spherasorb: Technical Data:

US navy Diving test for 2.5 to 5 mm grade Soda

The US Navy test specification (as used in 1992):

Reactor tube	30 mm diameter.
Soda Lime	106 cc (90 g of Spherasorb).
Flow rate through reactor tube	3 litres per minute.
Carbon Dioxide concentration	5.0 % volume.
Humidity of gas	100 %.
Temperature of gas	23 deg C.
Carbon Dioxide must be maintained below 200 parts per million for a minimum of 40 minutes.	

Two tests have been conducted with Spherasorb to this diving specification with the following results:

	L grade results	
	(minutes)	
Sample 1	44 minutes	Colour change two thirds of absorber
Sample 2	43 minutes	Colour change two thirds of absorber
Specification	40 minutes minimum	

These two results both exceed 40 minutes, demonstrating that Spherasorb meets the US Navy specification for 2.5 to 5 mm Soda Lime.

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