

CARBON DIOXIDE ABSORPTION

Technical Data

SOFNOLIME™

SOFNOLIME™ is a soda lime absorbent for removal of carbon dioxide and other acidic contaminants from gas streams. SOFNOLIME™ is an active compound formed by mixing calcium and sodium hydroxides. It is supplied as hard, porous, irregularly shaped granules which have been processed to maximise CO₂ absorption and minimise dust formation.

APPLICATIONS

Medical Equipment

Anaesthetic systems and hyperbaric oxygen units

Diving Apparatus

Military, commercial and recreational sets

Submarines

Naval and tourist vessels

Safety Equipment

Closed circuit breathing apparatus

Industrial Gas Production

Purification of liquified or compressed gases

PROPERTIES

No KOH – minimum anaesthetic agent degradation

High capacity for CO₂ removal

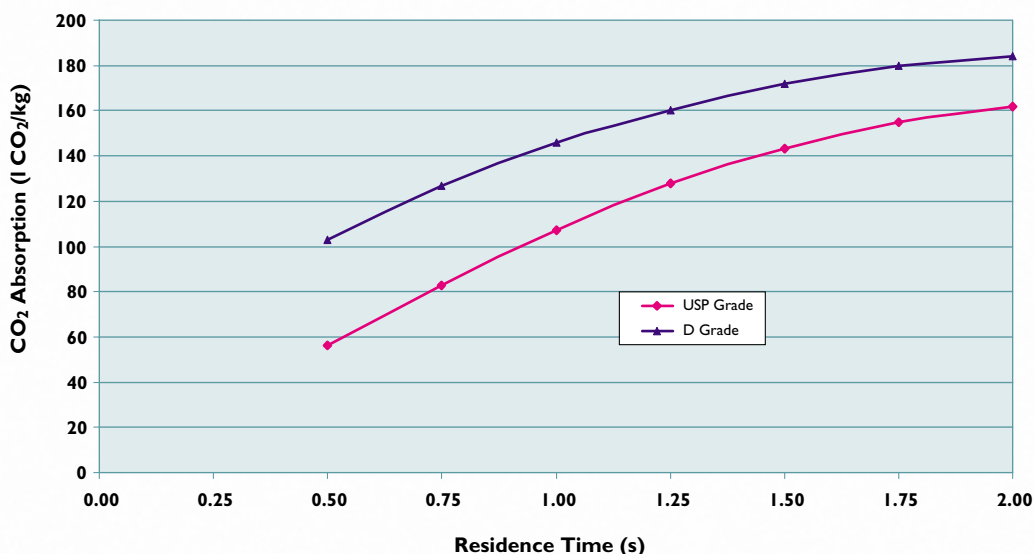
Available with sensitive white to violet or pink to white pH indicator

Hard granules, allowing stable filter bed packing

Minimum attrition on transport

PERFORMANCE

CO₂ Absorption



SPECIFICATIONS

		MEDICAL	REBREATHERS	AIR FILTRATION
Specification		US Pharmacopoeia	CS 2580	CS 2580
Grade		USP	L Grade	D Grade (797)
Particle Size	mesh	4 - 8	4 - 8	8 - 12
	mm	2.5 – 5.0	2.5 – 5.0	1.0 – 2.5
CO ₂ Capacity	litres CO ₂ /kg	>100	>100	>140
Hardness		> 75	> 80	> 80
Indicator Availability	White/violet pink/white	✓ ✓	✓	✓

PACKAGING

		SECURITAINER	BAG	TWINPACK	KEG
Description		Watertight plastic container	Trilaminate bag	Two plastic 5 litre containers	Heavy density polyolefin keg
Net Weight	kgs (lbs)	1.0 (2.2)	1.4 (3.0)	9.0 (19.8)	20 (44)
Unit		Carton of 20	Carton of 12	Box	Keg
Units per Pallet		30	42	60	32
Pallet Gross Weight	kg (lbs)	805 (1770)	760 (1672)	625 (1375)	705 (1551)

SOFNOLIME™ is available in bespoke canisters for medical, rebreather and air filtration applications.

For more detailed information contact:

Molecular Products Limited, Mill End, Thaxted, Essex, CM6 2LT, United Kingdom
Tel: + 44 (0) 1371 830676 Fax: + 44 (0) 1371 830998 Email: sales@molprod.com
www.molecularproducts.co.uk