

Sofnolime[®] medical grade

Carbon dioxide absorbent

White to violet indicating

Medical grade soda lime for closed anesthesia circuits



Applications

Sofnolime[®] medical grade soda lime is used for the removal of carbon dioxide in breathing systems where the pressure-drop must be negligible. The main component is Calcium Hydroxide.

Typical properties

CO ₂ activity	19% minimum
Hardness, ball-pan	90 minimum
Particle size distribution:	
Larger than 5/16 sieve	0%
Between #4 and #10 sieve	76.8% minimum
Smaller than #40 sieve	1.2% maximum
Material Content:	
Water	12-19%
Total Alkali Metal	4% maximum
Calcium Hydroxide	Balance

Color Indicator

Sofnolime[®] medical grade soda lime contains a color indicator, which changes the granules from white to violet when carbon dioxide is absorbed.

Availability

Sofnolime[®] medical grade soda lime is available in twin packs, refill bags, pails, and pre-filled cartridges.

Quality

Molecular Products Inc.'s aim is to manufacture chemical products which completely satisfy the needs of our customers. All products are rigorously tested to ensure conformance to the specification. Soda lime, as a medical device, is manufactured under ISO 13485 quality management system. A summary of test methods is available on request.

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