

DESCRIPTION

Calcium Carbonate is a compound with formula CaCO_3 that occurs naturally as limestone, marble or chalk. It is an additive used as weighting material and as bridging – sealing agent to minimize invasion of filtrate and whole fluid to the formation. It is 98 – 99.5% acid soluble.

APPLICATIONS

Calcium Carbonate is normally used as weighting agent. For bridging purposes it can be used alone or in combination with other LCM material. Acting as a bridge in the fractures and pores of the formation being drilled, it will minimize losses to the formation while circulating and in static conditions. It can be used in drilling, completion and workover fluids.

FEATURES AND BENEFITS

- Used as bridging agent in sandstones and permeable formations
- Agent for wellbore strengthening when drilling depleted zones
- Combined with other sealing agents minimizes and/or controls seepage and severe losses
- Minimizes formation damage
- Preferable to barite as weighting material because it is acid soluble

TECHNICAL ANALYSIS

Requirements	Unit	Standard Specification
Specific Gravity	gr/cm ³	2.7 Min
Color	-	White
Insoluble in 15% Hcl	%	2 Max

PACKING

- Calcium Carbonate is available in 50 kg. HDPE bag.

SHELF LIFE & STORAGE

Calcium Carbonate has a shelf life of 24 months from date of manufacture when kept at a temperature between 5°C to 45°C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

Quality Assurance

AMBICA SPECIALITY CHEMICALS is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:2015.

SAFETY AND HANDLING

Prior to using this product, refer to the safety data sheet for information on use of personal protective equipment, safe handling, storage, transport, and disposal.