

GenCeal® 8100

Oil Field Latex For Down Well Drilling Muds and Cementing

GenCeal® 8100 is cost efficient, environmentally preferred (water-based) styrene butadiene latex for use in down well drilling muds and as a cement additive. **GenCeal 8100** latex can be used as supplied. No premix make down is required. Features include:

- Extraordinary electrolyte stability when exposed to solutions containing high levels of mono (e.g. Na⁺ and K⁺) or multivalent ions (e.g. Ca⁺² and Ba⁺²)
- Excellent stability above 300°F (149°C)
- Prevents gas migration to the well casing

TYPICAL PROPERTIES

PHYSICAL PROPERTIES

Solids, % by Weight	41
Specific Gravity	1.05
pH	8.5
Brookfield Viscosity	<150 cps
Surface Tension	40
Glass Transition Temperature	20°C

CHEMICAL/MECHANICAL PROPERTIES

Mechanical Stability	Excellent
Multivalent Ion Stability	Excellent
Shelf Life	Excellent
Foam	Low
Odor	Low
Emulsifier	Anionic

STORAGE AND HANDLING

- Protect latex from freezing; not freeze-thaw stable. The recommended temperature range for storage is 40°F-120°F (4°C-49°C)
- Bulk storage should be stainless steel (304 or better) or plastic tanks
- Refer to *MSDS* and the *Latex Handling & Storage Guide* for additional details

NOTE:

Although the data supplied above is believed to be accurate, each user is advised to make an independent determination as to whether the described product(s) is/are appropriate for a particular use or application, whether such use will comply with all applicable laws or regulations, or whether such use will infringe the intellectual property rights of third parties.

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