

**Acid Gelling Agent SL-ACD-PWD****Product Description**

The reaction of hydrochloric calcium carbonate is very vigorous and is even faster at very high temperature. This will result in the stimulation of the highest permeable area, without stimulating other sections of the productive zone. To get uniform stimulation of the entire zone, diversion using gelled acid is very effective.

SL-ACD-PWD is an effective gelling agent for gelled acid systems. It can rapidly thicken the acid with high viscosity in a very short time.

**Technical & Engineering Information**

SL-ACD-PWD is a polyacrylamide powder. It can be dispersed in acids continuously or batch mixed. It has good retarding performance, good rheological & thermal stability.

SL-ACD-PWD is compatible with most acid additives including surfactant, corrosion inhibitor, and iron control additives. Formation damage caused by SL-ACD-PWD is generally minimal and fluid loss reducing property of SL-ACD-PWD is excellent.

When crosslinked gel is needed, a lab test is highly recommended. Using Organic Zirconium Crosslinker could obtain a high elastic-viscosity fracturing fluid.

**Technical Indicators****Technical Indicators of SL-ACD-PWD**

Item	Indicator
Appearance	Powder
Colors	White
PH (0.5% in water)	6-8
Solubility	Soluble in hydrochloric acid and water under normal temperature

**Recommended Treatment**

The loading level depends on the formation bottom hole temperature and the concentration of acid used. Typically, the higher temperature is, the higher is the loading level required to achieve required performance.

SL-ACD-PWD 0.6% in 20% HCL, Apparent Viscosity(25°C)  $\geq$  30 cps

SL-ACD-PWD has good rheology and thermal stability, good retarding performance, and excellent performance and compatibility

**Packing and Storage**

SL-ACD-PWD is supplied in plastic-lined bags with a net weight of 25 kg/bag. Keep it away from extreme conditions such as wet and humid places or direct sunlight.

Shelf life: 1 year.

<http://www.stimulationchem.com/>

**QUALITY, VALUE, RESPONSIBILITY**

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