



# PROCOR CHEMICALS, INC.



## Technical Data Sheet PRO Mix L™

### DESCRIPTION

**PRO Mix L™** is a low molecular weight, anionic, synthetic copolymer supplied as a high activity aqueous solution for use as a deflocculant in water based drilling fluids. It is a cost effective replacement for toxic heavy metal lignosulfonates, lignites and tannins. It is thermally stable to temperatures in excess of 300°F. It is also moderately tolerant to calcium and alkali metal salts.

### TYPICAL PROPERTIES

<b>Appearance</b>	Light Amber
<b>Ionic Character</b>	Anionic
<b>Specific Gravity</b>	1.25
<b>Viscosity</b>	200-750 cps
<b>pH</b>	7.0 - 9.0
<b>Flash Point</b>	None
<b>LC 50</b>	809,000 ppm

### STATIC SHEEN TEST RESULT

Sample	Free oil	Oil Sheen	Oil Slick	Suitable to discharge
<b>PRO Mix L™</b>	No	No	No	Yes

### APPLICATIONS

The primary application for **PRO Mix L™** is to help control the rheology of drilling fluids by reducing viscosity and gel strengths.

The addition and circulation of a concentrated slug of **PRO Mix L™** can help remove wall cake prior to completion, stimulation or cementing

Helps with fluid loss control, particularly after aging at elevated temperatures.

### TYPICAL USE RATES

The addition of a small dose of **PRO Mix L™** can have a pronounced and immediate effect on the rheology of a drilling fluid.

Dosage rates will vary from as little as 0.1 to 2.0 pounds per barrel depending on the solids loading, the contaminant levels and the temperature and is used at one-fourth that for lignosulfonates.

### PACKAGING

**PRO Mix L™** is packaged in 5 gal. bkts. (36 bkts. per pallet).