



HYBRID CHEMICAL
TECHNOLOGIES

FRICITION REDUCER

FR-100

V24.07.20

FR-100 is low-cost, anionic high molecular weight polyacrylamide friction reducer used for hydraulic fracturing operations. FR-100 is available as a powder or as a liquid slurry. FR-100 is appropriate for use in freshwater to high TDS base fluids for friction reduction. In fresh water, FR-100 will build viscoelasticity at higher loadings to assist in proppant transportation.

VISCOSITY TESTING

3 KG/M ³	511 sec ⁻¹
CONTROL	1.0
FR-100	35
HVFR-110	35
HVFR-120	70

BALL DROP TESTING

3 KG/M ³	Suspension Ratio
CONTROL	1.0
FR-100	4.1
HVFR-110	4.9
HVFR-120	8.9

Flowloop Data

