

Series of fracturing fluid drag reducers

Anionic emulsion drag reducer(LB220)

Performance index

Items	Indicator	Technical advantage
pH	6.0~ 8.0	<ul style="list-style-type: none"> ■ Fast hydration speed ■ Good sand carrying ability ■ Good anti-swelling effect ■ Low core damage ■ Appearance of milky white liquid
Stability	No stratification	
Hydration rate 's	≤ 30	
Apparent viscosity (water concentration 0.1%, 25℃), mPa·s	0~3.0	
Drag reduction rate (water concentration 0.1%, 25℃), %	≥ 70	

Anionic emulsion sand carrying agent(LX76-26/LX641)

Performance index

Items	Indicator	Technical advantage
pH value	6.0~ 8.0	<ul style="list-style-type: none"> ■ Fast hydration speed ■ Good sand carrying ability ■ Good anti-swelling effect ■ Low core damage ■ Appearance of milky white liquid
Stability	No stratification	
Hydration rate 's	≤ 60	
Apparent viscosity (Concentration 0.8%, Six-speed viscometer 5min viscosity at 100r/min, 25℃), mPa·s	≥50	
Viscosity release rate (0.8% ratio, six-speed viscometer 100r/min, comparison of 2min and 5min viscosity values, 25℃), %	≥80	
Shear stability (90℃, 0.8% ratio of 170s-1, RS6000 rheometer shear 60min viscosity), mPa·s	≥ 35	
Gum breaking performance (90℃, 4 hours, capillary viscometer) mPa·s	≤5	

Cationic Acid Thickener(LM900)

Performance index

Item	Indicator	Technical advantage
Viscosity (30℃, 170s-1, mPa·s)	≥300	<ul style="list-style-type: none"> ■ Strong acid resistance ■ Good high temperature resistance ■ Good salt resistance ■ Appearance of milky white liquid
Stability	No stratification	
Acid viscosity (2%, 30℃, 170s-1, mPa·s)	≥15	
Temperature resistance (170s-1), °C	≥120	
Viscosity reduction rate (%)	≤20	
Acid dispersibility	Two hours can be completely dispersed in 20% hydrochloric acid solution	
Fluidity	With good fluidity, no caking and other phenomena	
Shear stability (90℃) mPa·s	≥ 25	

More information about drag reducer, please login:<https://jf-chinapolymer.com>