

## KR-445 Homopolymer of Acrylic Acid



### Product Features

KR-445 is a homopolymer of acrylic acid with an optimized molecular weight to be used in different applications such as: liquid fabric wash, laundry additives, industrial and institutional detergents.

It is supplied in liquid form and available as partially (KR-445 Detergent Polymer) or fully neutralized (KR-445N) grades.

### Technical Specification

Parameter	Standard
Appearance	Clear,colorless to pale yellow aqueous solution
Average molecular weight	4500
Solid content, %	48 min
Density (20℃), g/cm <sup>3</sup>	1.20 min
PH (as it)	3.0-4.5
Viscosity(20℃), cps	100-1000




### Scale & Corrosion Inhibition Performance

CaCO <sub>3</sub> inhibition	CaSO <sub>4</sub> inhibition	BaSO <sub>4</sub> inhibition	Silicate inhibition
Excellent	Very good	Good	Good
Calcium tolerance	Clay/Silt Dispersion	Thermal Stability	Iron Oxide Dispersion
Excellent	Very good	Excellent	Very Good

## Package & Storage

25L Drum	200L Drum	1000L IBC	ISO Tank
			
Storage for 10 months in shady room and dry place.			

## Hazard & Safety Precaution

Hazard Information	Safety Precaution
Not regulated	  
Once contacted with eye and skin, flush with plenty of clean water	

## Alternative Name / Synonyms

- Acusol445