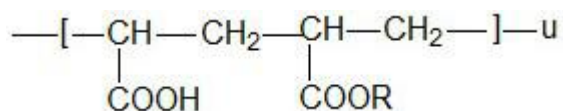


Acrylates copolymer

Name: Acrylates copolymer

MF:



CAS NO.: 25133-97-5

Character:

This product is mainly composed of acrylic acid and its ester multicomponent copolymer. Its scale inhibition and dispersion performance is better than the similar product N-7319 of Nalco chemical company abroad. It has better dispersion performance for calcium carbonate scale and calcium phosphate scale.

Application:

This product can be combined with polyphosphate, organic phosphate and other water treatment agents. When combined with GY-402 dispersive corrosion and scale inhibitor, the effect is the best. It is especially suitable for northern areas with large wind and sand and water quality with high suspended solids and organic matter. It can replace polymaleic anhydride for low-pressure boilers and steam locomotives.

Specification (Standard: HG/T 2429-2006)

Item	Standard
Appearance	Colorless or light yellow transparent viscous liquid
Assay, %	26.0–28.0
pH (1% water solution)	2.0–3.0
Density (20℃) g/cm ³	1.10–1.20
Limit viscosity (30℃), dl/g	0.065–0.095
Free monomer (CH ₂ =CH-COOH 计), %	≤0.5

Usage:

This product is used in combination with organic phosphate and zinc salt. The general proportion is 30-50%. It can also be used alone. The dosage is 10-30mg/L.

Package and storage:

This product is packed in 25kg or 250kg plastic barrels and stored in a cool, ventilated and dry place indoors for one year.