

ANUCRYL K-116

INTRODUCTION

ANUCRYL K -116 is a cross-linked acrylic emulsion. When emulsion is diluted with water and treated with alkali, each emulsion particle swells and emulsion becomes clear and viscous. Once neutralised solution of **ANUCRYL K -116** cannot be reversed to emulsion form.

Properties of solutions of **ANUCRYL K • 116** salts are similar to solutions of natural gums of higher viscosity grades of water-soluble deviates.

APPLICATION

ANUCRYL K -116 can be incorporated directly into the system to be thickened without preneutralisation, The neutraliser can then be added into the system making it viscous. If free alkali exists in the emulsion, it would neutralise **ANUCRYL K -116** "in-situ" and thicken the system.

ANUCRYL K • 116 has a minimal flocculating action. Thickened lattices/emulsions are free of any creaming tendencies and aqueous suspensions remain free of any sedimentation.

Solutions of **ANUCRYL K ■ 116** are compatible with soaps, dispersing agent and synthetic detergents. Multivalent ions like that of copper, aluminium or iron may cause turbidity to appear in **ANUCRYL K ■ 116** solutions.

TYPICAL PROPERTIES

Appearance	Milky White Liquid
Polymer Type	Acrylic
Total solids, %	26-28
■■■■-< -.. pH (when packed)	2-4
■:■■, :■>■■ Brook Field Nuetrilised Viscosity, #3, 12rpm@25°C	2000 - 4000
Specific Gravity® 25° C	1.050-1.060
Mechanical stability	Good

SAFETY DATA

HEALTH HAZARD: **ANUCRYL K-116** is acidic in nature and harmful if swallowed. Avoid contact with skin. Use protective clothing, hand gloves, goggles etc. while handling. In case of contact or splash on eyes, wash with copious amount of water and consult a physician.

FIRE HAZARD: **ANUCRYL K-116** is non-flammable.

