

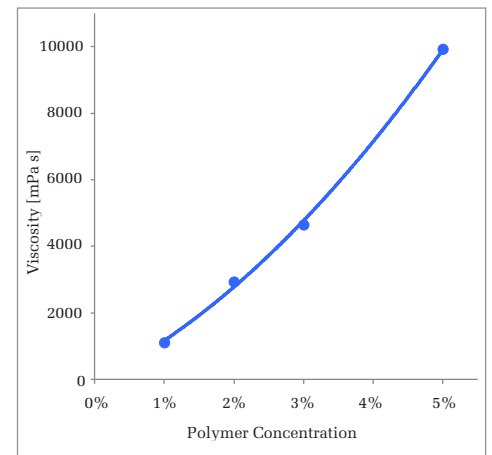
# Center for Applied Nanotechnology

## CAN<sup>®</sup>-T 230

CAN<sup>®</sup>-T 230 is an easy-to-use liquid rheology modifying polymer developed to thicken, suspend and stabilize. It improves flow properties in a broad range of product types suitable for various Home and Personal Care as well as Industrial applications.

The system is based on a cross-linked acrylic polymer dispersion with the following typical properties, features and benefits:

Properties <small>(for guidance only – no product specification)</small>	
Appearance	milky white liquid
Odor	mild
Active polymer content	~ 32%
Viscosity as supplied	1 – 20 mPa·s
pH	2.0 – 3.0

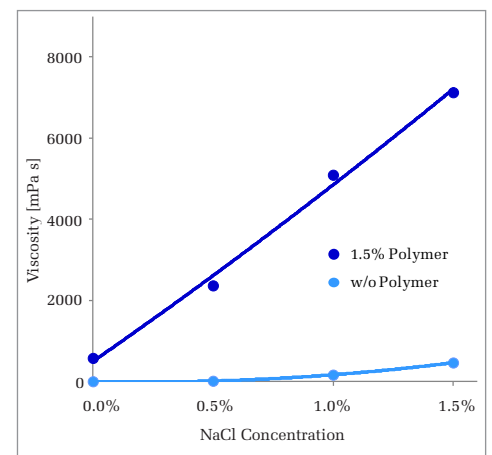


Efficient thickening: Increase of viscosity with polymer concentration; CAN<sup>®</sup>-T 230 in aqueous solution at pH 7.

CAN<sup>®</sup>-T 230 provides outstanding clarity with different types of surfactants at low and high levels. The turbidity of such systems containing 1% active polymer is remarkably low.

The viscosity of formulations containing CAN<sup>®</sup>-T 230 is efficiently increased with polymer concentration. Additionally, the viscosity can be adjusted by addition of salt.

For the ease of formulation, CAN<sup>®</sup>-T 230 is provided in liquid form and can be used in a wide pH-range from 6 to 10.



Synergistic thickening with salt: Increasing viscosity of an aqueous LAS solution (10%) with and without CAN<sup>®</sup>-T 230.

Applications
Dishwashing Liquids
Laundry Detergent
Glass Cleaner
High Surfactant Products
Hard Surface Cleaner
Car Wash
Polishes
Technical Products

Key Benefits and Features
Easy-to-use Liquid Form
Excellent Clarity
Outstanding Suspension and Stabilization
Shear-thinning Rheology
Smooth Flow in Surfactant Systems
Broad pH Range
Excellent Compatibility with Surfactants
Synergistic Thickening with Salt

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