

Creating Additive Value



Rheology Modifiers For Cleaner Applications

- General Purpose Cleaners
- Dish & Laundry Detergents
- Acid/alkaline cleaners
- Disinfectants
- Other Industrial applications
- Household cleaners

TAFIGEL®	Chemistry	Rheology Profile	Applications			
			Alkaline pH 7-13	Acidic pH 1.5-7	Fabric Softeners	General Purpose
PUR 41	HEUR	Pseudoplastic	○	●	○	○
PUR 44			○	●		●
PUR 48			●	●	○	●
PUR 64		Highly Pseudoplastic	○		●	○
PUR 65				○	●	
PUR 85		Newtonian			○	○
AP 15*	HASE	Pseudoplastic	●			
AP 20			○			○

● = Primary Recommendation, ○ = Secondary recommendation

HEUR = Hydrophobically modified polyether polyurethane

HASE = Hydrophobically modified Alkali Swellable acrylic polymer Emulsion

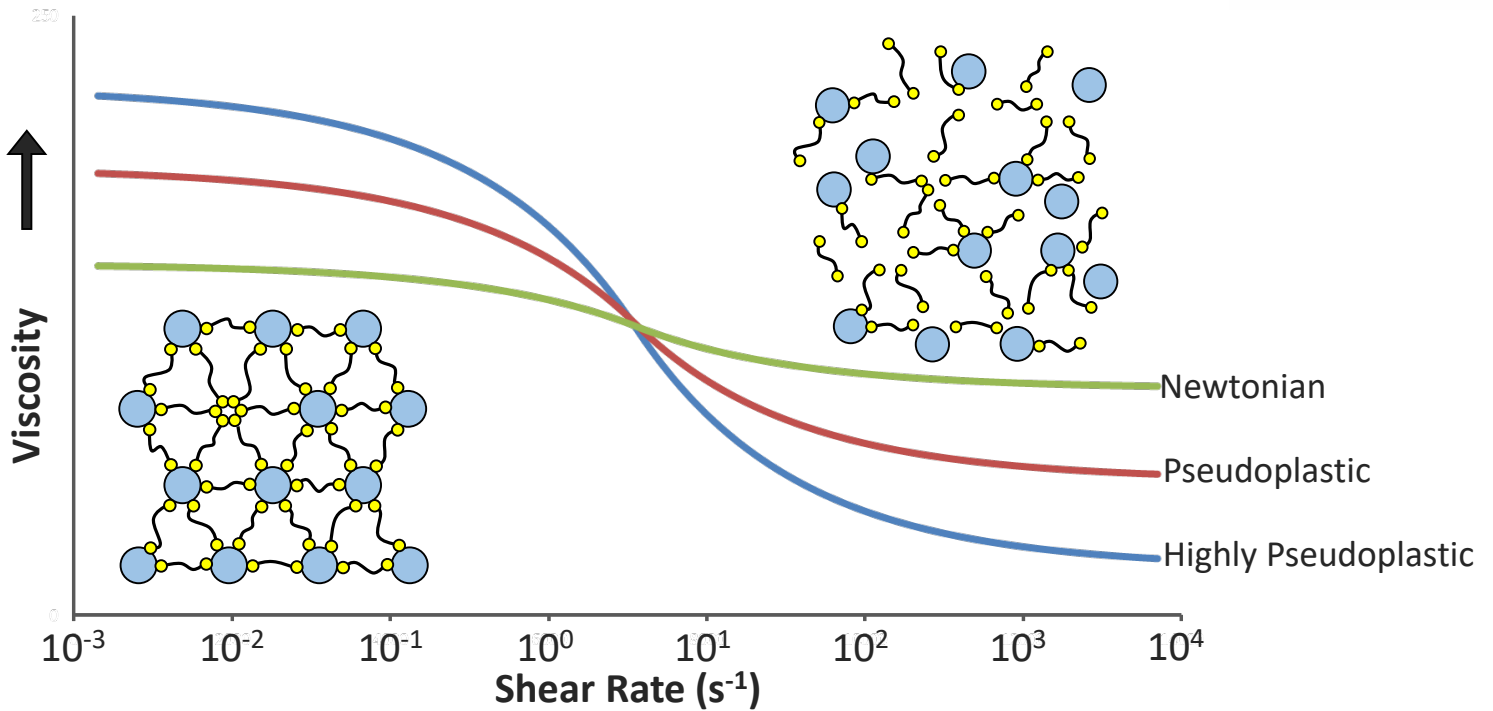
*Needs neutralization (pH > 8)

All thickeners shown are APEO Free

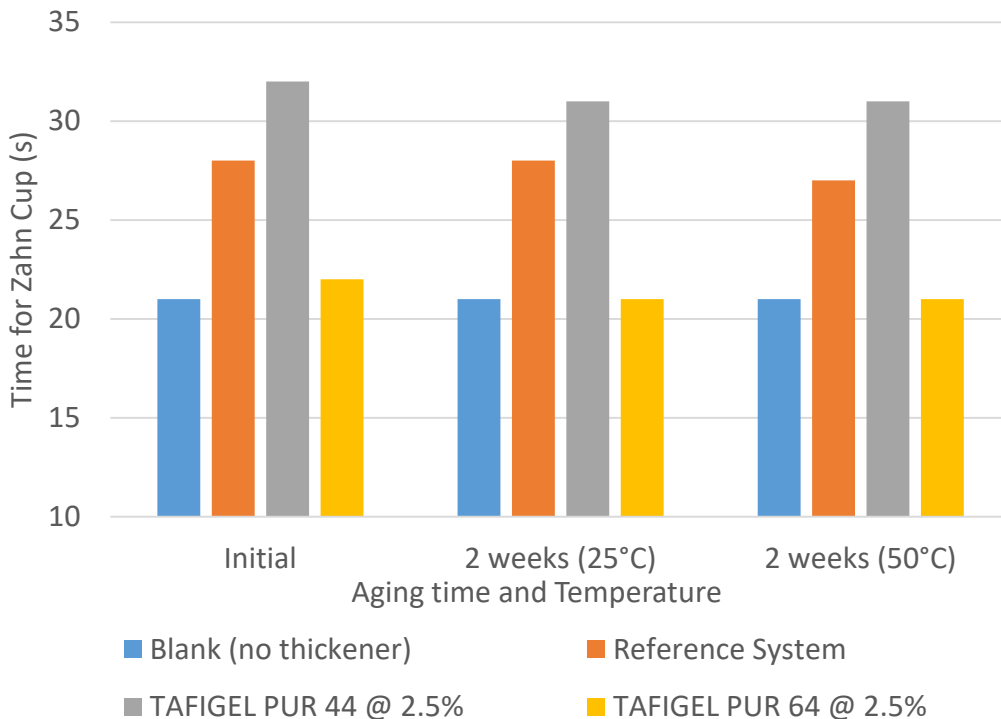




Associative Rheology Modifiers - Rheology Profiles



Algae Removal/Cleaner Fluid (pH = 3)



Goal: Obtain a similar viscosity to the reference system and maintain the viscosity for two weeks at 50 °C.

Outcome: TAFIGEL PUR 44 provides efficient thickening and maintains viscosity over time.

