

# KANE ACE® PA-210

## ACRYLIC PROCESSING AID

### **Product Description**

Kane Ace® PA-210 is a medium molecular weight acrylic polymer that enhances the processing of PVC based formulations.

### **General Benefits**

Kane Ace® PA-210 has a fine particle size distribution that enhances dispersion properties and efficiency. Kane Ace® PA-210 is an excellent general purpose processing aid that promotes a wide processing window, providing the flexibility to limit the number of processing aids for various applications.

### **Typical Applications and Benefits**

- Blow Molded Containers- The use of PA-210 can improve bottle clarity, appearance and impact through improved modifier dispersion and enhanced fusion.
- Extruded Profiles- Melt elasticity, melt strength and sizing can be improved through the use of PA-210. Impact properties can be optimized with the addition of PA-210 due to its ability to control gelation or fusion properties.
- Calendered Sheet and Extruded Film – The use of Kane Ace® PA-210 processing aid helps to control or eliminate flow marks and surging in extruded sheet products. Improved gelation or fusion can enhance secondary thermoforming operations.
- Injection molded parts – Surface appearance of injection molded parts is greatly enhanced with the addition of Kane Ace® PA 210.

### **Typical Physical Properties**

Chemical Description: Acrylic Copolymer

Physical Form	White powder
Bulk Density	$\geq 0.35$ g /cc
Specific Viscosity	0.75 – 0.95
Volatile matter	$\leq 1.5$ %
Particle Size	$\leq 1.0$ % on 16 mesh sieve
Specific Gravity	1.13 g/cc

### **Safe Handling**

Please consult the MSDS for Kane Ace® PA-210 before handling for additional information concerning personal protective equipment, Safety, Health and Environmental information, and always exercise the utmost care in handling.

### **FDA Compliance**

Kane Ace® PA 210 meets the requirements of the PVC Food Sanitation Council, as well as Subsection D, Section 178.3790 of the U.S. Food and Drug Administration regulations. You are advised to contact the company or the manufacturer concerned for information if the modifiers are to be used in food containers or packaging materials. All regulations in the countries where Kane Ace PA is to be used must be observed. Kaneka Texas Corporation will assume no responsibility for any consequences arising from failure to observe these regulations.

### **Product Packaging**

Kane Ace® PA-210 is supplied in 20 kg. polymeric bags and 500 kg. bulk bags.

### **Contact Information**

Please call 1-(800) -526-3223 for additional information or specific recommendations for your intended application.