

KANE ACE® PA-40

ACRYLIC PROCESSING AID

Product Description

Kane Ace® PA-40 is a high molecular weight acrylic polymer that enhances the processing of PVC based formulations. Kane Ace® PA-40 is an excellent high efficiency processing aid that promotes a wide processing window, providing the flexibility to limit the number of processing aids for various applications.

General Benefits

Kane Ace® PA-40 has excellent powder properties with typically larger particle size, more spherical particle shape and tighter particle size distribution as compared to many competitive processing aids. This results in greater efficiency in processing, ease of handling, effective weighing and a less dusty work environment.

Typical Applications and Benefits

- Extruded Profiles- Kane Ace® PA-40 can contribute to an improved processing window and enhanced impact through proper fusion control for vinyl window profiles and fencing applications. Melt elasticity, melt strength and sizing can be improved through the use of PA-40.
- Vinyl Siding- The use of Kane Ace® PA-40 processing aid can contribute to enhanced impact properties through the proper control of fusion and impact modifier dispersion. Melt elasticity, melt strength and sizing can be improved through the use of PA-40.
- Foam applications- The Kane Ace® PA-40 is an effective general purpose foam process aid due to its excellent melt strength and elasticity.

Typical Physical Properties

Chemical Description: Acrylic Copolymer

Physical Form	White powder
Bulk Density	>= 0.38 g /cc
Specific Viscosity	3.0 – 5.0
Volatile matter	<= 1.5 %
Particle Size	< = 1.0 % on 16 mesh sieve
Specific Gravity	1.13 g/cc

Safe Handling

Please consult the MSDS for Kane Ace® PA-40 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 40 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-40 is supplied in 50 lb. polymeric bags and 1,000 lb. bulk bags.

Contact Information

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