

KANE ACE® PA-101

ACRYLIC PROCESSING AID

Product Description

Kane Ace® PA-101 is a low molecular weight acrylic polymer that enhances the metal release properties of PVC based formulations.

General Benefits

Kane Ace® PA-101 is highly efficient, metal release polymer that can extend vinyl compound processing run times due to improved resistance to metal adhesion. Kane Ace® PA-101 has a fine particle size distribution that enhances dispersion properties and efficiency. Typically, Kane Ace® PA-101 has a minimal effect on fusion promotion.

Typical Applications and Benefits

- Blow Molded Containers- Kane Ace®PA-101 is typically used at a 0.25 – 0.50 phr usage level for blow molding applications with little effect on optical properties.
- Extruded Profiles- Generally, 0.25 – 0.50 phr Kane Ace® PA-101 dosage levels are effective in improving metal release properties.
- Calendered Sheet and Extruded Film – These applications may require slightly higher Kane Ace® PA-101 levels with 0.5-1.0 phr usage suggested as a starting point. Some applications may need marginally higher levels.
- Injection molded parts – A starting point usage level of 0.5 phr is suggested for enhanced resistance to metal sticking.

Typical Physical Properties

Chemical Description: Acrylic Copolymer

Physical Form	White powder
Bulk Density	>= 0.40 g /cc
Specific Viscosity	0.13 – 0.19
Volatile matter	<= 1.5 %
Particle Size	< = 1.0 % on 16 mesh sieve
Specific Gravity	1.10 g/cc

Safe Handling

Please consult the MSDS for Kane Ace® PA-101 before handling for additional information concerning personal protective equipment, Safety, Health and Environmental information, and always exercise the utmost care in handling.

Product Packaging

Kane Ace® PA-101 is supplied in 20 kg. paper bags and 500 kg. bulk bags.

Contact Information

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