

Technical Data Sheet

Capatue™ ACA-K30

Abstract

ACA-K30 is a monoalkoxy fatty acid aluminate and a versatile, low cost organometallic coupling agent for plastic and rubber compounds.

Typical Properties

Index	Typical Value
Appearance	White to yellowish granule.
Melting Point, °C	50
Decomposition Temperature, °C	280
Volatile Content, %	< 0.5
Solubility	Soluble in alcohol, aromatic. Insoluble in water and will be hydrolyzed.

Applications and Performance

ACA-K30 is always used plastic and rubber compounds to improve impact strength, flexibility, surface smoothness, processing rheological property and loading level of fillers to reduce the material cost.

It can be applied to polymers including PP, PE, PVC, PS, and other regular plastics, elastomers. ACA-K30 is a surface treatment agent for inorganic fillers such as calcium carbonate, kaoline, talcum etc, to improve hydrophobic property and dispersion in the polymer matrix of the filler. As a result, the products treated by this product will obtain improved mechanical strength, reduced moisture absorption.

When rubber is filled by the filler of kaolin treated by ACA-K30, the rubber can obtain improved tearing strength and tensile strength. So silica can be partly replaced.

Packing

The regular packing of this product is 25kg bag.

Storage and Shelf Life

Should be stored in dry, cool, ventilated room; keep away from water, moisture, high temperature and fire. This product has a shelf life of at least 12 months if stored in tightly closed original container at room temperature.

If this product is kept beyond the shelf life recommend on the product label, it is not necessarily unusable, but a quality control should be performed on the properties relevant to the application.

Limited Warranty Information

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Capatue's products are safe, effective, and fully satisfactory for the intended end use.

Suggestions of use shall not be taken as inducements to infringe any patent.

Capatue's sole warranty is that the product will meet the Capatue sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

Capatue specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability.

Capatue disclaims liability for any incidental or consequential damages.

Customer must do enough tests before their regular production to ensure that our product is suitable for their specific application.