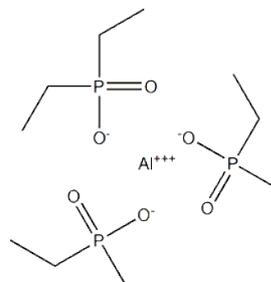


GC DAPP

Aluminium Diethyl Phosphinate

Chemical Formula	C ₁₂ H ₃₀ AlO ₆ P ₃
Molecular Weight	390.3
CAS Registry Number	225789-38-8



GC DAPP is a non-halogenated flame retardant based on an organophosphorus salt. **GC DAPP** has excellent thermal and light stability. **GC DAPP** is particularly suitable for application in engineering polymers, PE, PA and epoxy resins also reinforced with glass fibers. It is usually used in combination with synergistic components based on phosphorus and nitrogen.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	White powder or crystalline granules
Phosphorus Content, %	23.0 - 24.0
Humidity, %	0.35 max
Thermal decomposition, °C	350 min (1% weight loss)

HANDLING AND STORAGE:	The processing and use of GC DAPP requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information. GC DAPP has to be stored in tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.
PACKAGING:	Standard packaging size of GC DAPP is in 25 Kg plastic bags.
IMPORTANT NOTE	Some plastic additives, fillers or pigments can have a significant influence on flame retardant properties of the end product. Before using this product, please be informed. Machine stop at high temperature could create degradation of polymers. Please clean with neutral polymers.

DISCLAIMER:

Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. We do not accept any liability for loss and damage that may occur from the improper use of this information and for the use against the safety legal requirements and patent rights. This specification does not release the customer from the obligation to check the product as to its suitability for intended area of usage.