

## EPSAN'S FLAME RETARDANT SOLUTIONS


Epsan produces solutions with superior properties for electrics and electronics industries, conforming standards such as UL94, CTI, GWFI, GWIT, LOI, which are critical importance, and we create a sense of reliability in the industry with our efficient solutions.

As the compounder of high-performance engineering plastics, Epsan has wide range of products to offer that fulfil the E&E industry requirements. Our solutions are suitable for LVSG, Contactors (MCB, MCCB, fuse gear, relay and push buttons), Terminal Blocks, Connectors, CEE Plugs, Switches, Cable & Wires.)

### FLAME RETARDANT SOLUTIONS

#### I. Halogenated:

The most popular flame retardant additives are halogenated chemicals like as bromines and chlorines, which are compatible with a wide range of base polymers. Our halogated products are available in all colors.

- EPLAMID 6 GV0 30
- EPLON+ 66 GV0 25 
- EPLAMID 66 GV0 25 \*
- EPLAMID 66 FV0 (in UL validation process)\*

Rast  
Connectors




Connectors



#### II. Halogen Free:

Halogen free flame retardant products can be used in many different industries such as cable industry, household goods, industrial applications, automotive and electrics & electronics. The adverse health impact that flame retardant additives create in case of fires have been assessed widely. Therefore, halogen free products gain great importance due to low smoke density and toxicity.

- EPLAMID 6 GX2 20 
- EPLAMID 6 GX2 30\*
- EPLAMID 6 GX2 35\*
- EPLAMID 6 GX0 30\*
- EPLAMID 66 GX0 25\*
- EPLAMID 66 GX0 30\*
- EPLAMID 66 GX0 35\*
- EPLAMID 66 FX0\*
- EPLAMID 6 FX0\*

LVSG



Contactora



MCB



Relay



Switches



### III. Red phosphorus:

Many phosphorus-based flame retardant chemicals are available, including red phosphorus. In the condensed phase, these additives lower the value of gaseous combustibles.

- EPLAMID 66 GX0 25 RP\*

#### WHAT IS ON THE PIPELINE?

We are developing our products according to the needs of our clients and the market with an agile approach.

#### Halogenated Completed Projects:

EPIMIX PBT GV0 30 WHT Q1D0B301  
EPIMIX PBT GV0 17 GRY Q1B7A901  
EPIMIX PBT/PET GV0 30 NC Q1D0B001  
EPIMIX PBT GV0 30 NC Q1D0B001

#### Halogen-Free Completed Projects:

EPIMIX PBT GX0 30 NC Q1D0C001  
**VDE** EPIMIX PBT GX0 30 NC Q1D0C001 (VDE certificate)

And we have MANY MORE ongoing E-mobility and E&E flame retardant projects.