



## **ALFRIMAL® 106** for plastics, rubber & elastomers

### **WATER BOOSTER AT FIRE IGNITION**

A new generation halogen-free flame retardant stands for an aluminum hydroxide combining highest whiteness with a ultra small particle size. It fits into the polymer matrix exactly like 2 µm mineral fillers and replaces partially precipitated ATH. Because of precise top cut this material is especially suitable as flame retardant for plastics and rubber. No toxic or corrosive gases are generated in case of fire, what contributes to the ecological impact of this material.

#### **Applications**

##### **Cables:**

- High quality bedding compounds
- Standard grade sheathing compounds
- Water-releasing functional filler

##### **Rubber:**

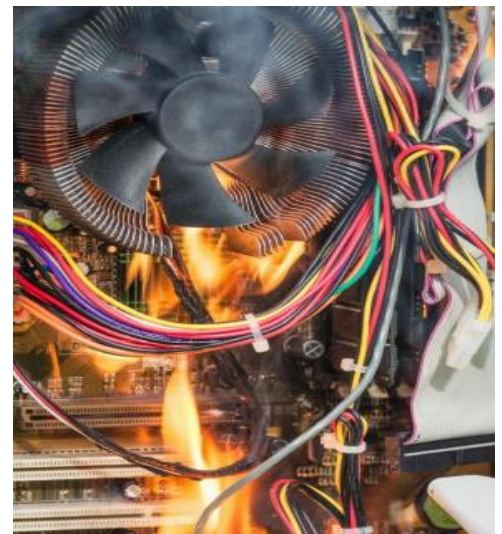
- Water-releasing functional filler in all common products

##### **Elastomeric foams:**

- Water-releasing functional filler in nitrile/PVC and HFFR foams

##### **Solid surface:**

- Water-releasing functional filler



#### **Key benefits**

- Effective flame retardant and functional filler
- Ultra fine particle powder with high whiteness
- Halogen-free; no toxic and corrosive gases
- pH-independently and without affecting color, surface or haptics
- Optimal rheological behavior
- Low decomposition temperature
- narrow decomposition temperature gap

<b>Product</b>	<b>Whiteness Ry</b>	<b>D<sub>50</sub></b>
<i>ALFRIMAL® 106</i>	98	2 µm



For more information please scan the QR code or contact our sales department:  
Phone: +49 2236 8914 20 E-Mail: [info@alpha-calcit.de](mailto:info@alpha-calcit.de)

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**Alpha Calcit Füllstoff Gesellschaft mbH & Co. KG**

Otto-Hahn-Str. 9-11 - 50997 Cologne-Godorf (Germany)

homepage: [www.alpha-calcit.de](http://www.alpha-calcit.de)

