



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

Product	Whiteness Ry	D ₅₀
ALFRIMAL® 106	98	2 µm



For more information please scan the QR code or contact our sales department:
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01-KS-22

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