

ALFRIMAL® MG

*for plastics, elastomers,
insulation materials, etc.*

ALL-ROUNDER FOR PREMIUM APPLICATIONS

Halogen-free flame retardant based on surface-treated magnesium hydroxide (H-types), particularly suitable for processing temperatures above 250 °C. Prevents the formation of toxic or corrosive gases in the event of a fire and is particularly suitable for cable insulation, plastics and flame-retardant (FR) coatings, as well as heat-resistant insulation materials.

Applications

Cables:

- High-quality sheathing compounds
- Water decomposition at temperatures > 300 °C

Rubber:

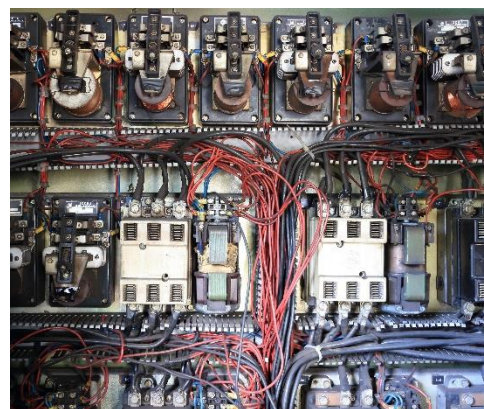
- Standard flame retardancy (FR) in all standard products
- Water boosters in elastomers and TPE compounds

Insulating plastics:

- Standard flame retardancy (FR) in white products

Roofing membranes:

- Water-releasing white filler in FR systems



Key benefits

- Fine magnesium hydroxide is water-repellent, if coated
- Acts as a halogen-free flame retardant (HFFR)
- Can be used in combination – reduces costs in FR systems
- Decomposition temperature > 300 °C
- Narrow decomposition temperature gap; pH-independent
- Exchange of 4-µm standard precipitates (ATH)

Product	Whiteness Ry	D ₅₀	Coating
ALFRIMAL® MG 2	94	2 µm	
ALFRIMAL® MG-H 2	94	2 µm	✓
ALFRIMAL® MG 4	93	4 µm	
ALFRIMAL® MG-H 4	93	4 µm	✓
ALFRIMAL® MG 8	95	8 µm	



For further information, please scan the QR code or contact our sales department:
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