

ALFRIMAL XS FOR SOLID SURFACES

Product Properties:

ALFRIMAL is the flame retardant of choice for solid surface materials. Based on high white aluminium hydroxide (ATH) without dark particles, it shows the best physical properties, has excellent chemical resistance and makes media-resistant solid surfaces stain-resistant.

HALOGEN-FREE FLAME RETARDANT

Key Benefits at a glance:

- Aluminium hydroxide
- Halogen-free flame retardant (HFFR)
- Free from “black-spots”
- Suitable for acid resistant systems
- Rheology behavior like standard filler
- Low decomposition temperature
- Narrow decomposition temperature gap
- Excellent impact strength
- Independent on pH



Picture: cynthia-young-sejDFzqTWgg-unsplash

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The data indicated on our data sheets and printed matters represent average values and are not legally binding.

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Introduction:

ALFRIMAL XS types are "hard" enough to ensure excellent impact strength, but at the same time "soft" enough to allow wear-free, fast processing and do not adversely affect the life of machine parts. Advantageous by sensible application is this product free from dark particles ("Black spots").

Chemical and Physical Data:

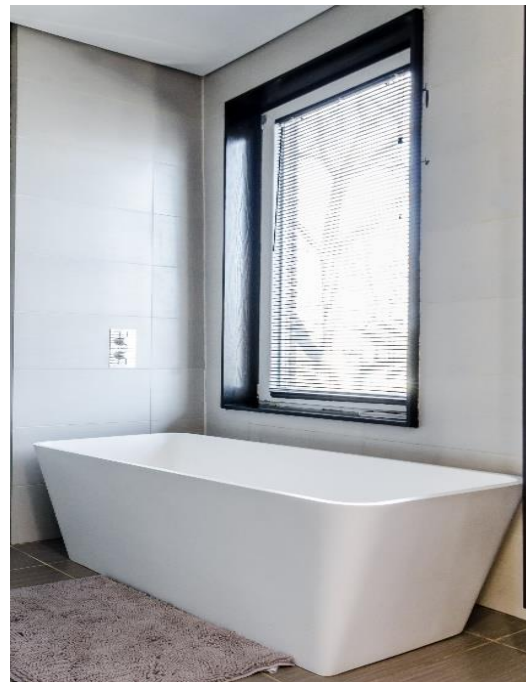
Composition: Plain aluminium hydroxide
 Activity: 100% active by weight
 Color: White
 Form: Powder

	D ₅₀ [µm]	Ry	BET [m ² /g]	SR >125 µm [%]	SR >160 µm [%]	Moisture [%]	Bulk density [g/ml]
ALFRIMAL 547 XS	15	97	1,3	< 0,05		< 0,2	0,9
ALFRIMAL 549 XS	25	97	1,1		< 0,05	< 0,2	0,8

Application examples:

Solid surface:
 High-white HFFR

Wall cladding:
 HFFR in white products
 HFFR in colored products



Picture: chastily-cortijo-6TY_WrJTwSl-unsplash

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