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KISUMA CHEMICALS DATASHEET

ALCAMIZER 1

Mg-Al Hydrotalcite as heat stabilizer in heavy metal free PVC stabilizer systems

Features:

Suitable for all resins. High heat stability combined with high transparency and no deterioration of the insulating characteristics of PVC. High volume of compounding and good dispersion characteristics. No sulfide pollution. Good weatherability and high personal safety.

Specified and Typical Properties:

	Typical value	General specification	
Appearance	Free flowing White powder	-	
Molar ratio MgO/Al ₂ O ₃	4	min 3.7 max 4.6	
Loss on Drying (105C 1 hr)	0.2	max 0.5	w/w%
Specific Surface Area	8	min 5 max 20	m ² /g
Secondary particle size Average	0.7	min 0.5 max 0.8	µm
> 5 µm		0	µm vol %
Specific Gravity	2.1	-	
Mohs hardness	2.0	-	
Refractive index	1.50	-	
Temp. of commencing dehydration	185	-	°C
Amount of linseed oil absorbed	50	-	ml/100g