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KISUMA CHEMICALS DATASHEET

ALCAMIZER CP

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	Specification	
Appearance	Free flowing White powder	-	
Molar ratio MgO/Al ₂ O ₃	4.2	min. 4.0 max. 5.0	
Loss on Drying (105°C/1 hr)	0.2	max. 0.5	w/w%
Specific Surface Area	10	min. 5 max. 15	m ² /g
Secondary particle size Average	0.4	min. 0.30 max. 0.60	µm
< 1 µm	95	min. 85	vol %
> 5 µm		0	vol %
Specific Gravity	2.1	-	
Mohs hardness	2.0	-	
Refractive index	1.50	-	
Amount of linseed oil absorbed	50	-	ml/100g

Typical properties are given for information only and can not be used for specification.