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KISUMA CHEMICALS DATASHEET

KISUMA 5JL

Magnesium Hydroxide as Flame Retardant

Features:

Excellent as a flame retardant. Can be used with all thermoplastic resins. Eliminates toxic gas emissions and reduces smoke emissions. Improves arc and tracking resistance. Reinforces falling ball strength. Improves the melt flow index, flexural modulus, Izod impact strength and other properties of the resins. Also effective as heat stabilizer for resins containing halogen.

Specified and Typical Properties:

	General specification	
Appearance	-	
Mg(OH) ₂	min 95.0	w/w%
Loss on Drying (120°C/1hr)	max 0.30	w/w%
Specific Surface Area	min 3 max 10	m ² /g
Secondary particle size		
Average	min 0.80 max 1.20	µm µm
> 5 µm	0	vol %

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