

JLS-MC810 Melamine Cyanurate Flame Retardant

Character

JLS MC810 (melamine cyanurate)

Einecs No.:	2535757
cas no.:	[37640-57-6]
Product No.:	200205-4
FORMULA:	C ₆ H ₉ N ₉ O ₃
appearance :	white,free-flowing powder

specifications

Melamine Cyanurate:	%(w/w)	≥98.5	
Excess Melamine:	%(w/w)	≤0.3%	
Excess Cyanuric acid:	%(w/w)	≤0.2%	
Thermal decomposition	° C	≥350	
Apparent density	kg/L	approx. 0.5-0.6	
Density at 25° C	kg/L	approx . 1.7	
Water content	%(w/w)	≤0.2	
PH value(10% suspension,20° C)		5-7	
particle size:	D 50%	μ m	≤4.0
	D 98%	μ m	≤15.0

APPLICATIONS

JLS-MC810 is a non-halogenated nitrogen flame retardant, it is surface treated JLS-MC by JLS own process. **JLS-MC810** is higher bulk density than general MC. When incorporated into polyamide, it can be finely dispersed to a level of fine particles and which is a powder having fine particles weakly aggregated and having a large bulk density so that from the viewpoint of the weakly aggregated form of MC.

Safety and toxicity

Acute oral toxicity LD 50 (rat)	≥4000 Mg/kg
Storage:	Dry, at room temp.

PACKAGING

Paper Bags with PE in liner, 20kg net