

FCI FLAME RETARDANTS

34 Glen Lake Drive, Medford, NJ 08055

TECHNICAL DATA SHEET

Melamine Cyanurate

Product : Melamine Cyanurate

CAS No. : 3764057-6

Chemical Formula : $C_6H_9N_9O_3$

SPECIFICATIONS		
Whiteness	%	≥95
Melamine cyanurate	% (w/w)	≥99.5
Leftover cyanurate	% (w/w)	≤0.2
Remained melamine	% (w/w)	≤0.001
Water content	% (w/w)	≤0.2
pH value (10% suspension, 20°C)		5.5-7.5
Proportion	g/cm ³	1.7
Accumulation density	g/cm ³	0.3-0.4
Water-solubility	g/100cm ³ water	0.002(20°C)
Particle size	D50	≤2μm
Particle size	D98	25μm

Applications

SHIAN-MCA is a non-halogen flame retardant for polyamide, glass fiber modified polyamide, polyurethane foam, and polyester, especially polyamide, which is suitable for processing of sorts, for example, extrusion and injection moulding. It can help PA6 and PA66 to UL94 V0, which can succeed on a wheel to recycle.

Safety and Toxicity

Acute oral toxicity LD₅₀ (rat) : ≥4000mg/kg LD50

Storage : Dry, at room temp.

Packing

25kg/bag, paper bag lined with PE bag or as your customers' requirements