

PRODUCT SPECIFICATION

Melamine Cyanurate

Chemical Name	: Melamine Cyanurate		
Molecular Formula	: C ₆ H ₉ N ₉ O ₃	Molecular Weight	: 255.19
HS Code	: 2933699090	CAS number	: 37640-57-6
UN Code	: Not Applicable	DG Class/PKG GP	: Not Applicable
Applications	: This is a non-halogenated flame retardant for polyamide, glass fiber modified polyamide, polyurethane foam and polyester. It is suitable for use in extrusion and injection moulding. It is also an effective flame retardant, for electrical and electronic applications such as connectors, switches, housing and etc made from TPU. Due to its fine thermo stability and high decomposition temperature, it is specially used in PA6 and PA66 and is able to reach UL94V0.		
Packaging	: 20kg per bag, 10MT per 20-ft FCL container with pallet		

Characteristics	Unit	Guaranteed Values
Appearance	-	White free flowing powder
Melamine Cyanurate	%	99.5 Min
Leftover Cyanurate	%	0.2 Max
Remained Melamine	%	0.001 Max
Accumulation Density	g/cm ³	0.3-0.4
pH	-	5.5-7.5
Water-solubility @ 20 °C	g/100ml	About 0.002
Particle Diameter (D50)	µm	About 4