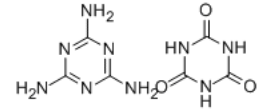




Melamine Cyanurate (MCA)

G'sal[®]FR

Description	Product Name	: Melamine Cyanurate (MCA)
	Equivalent Name	: Melapur MCA
	Cas No.	: 37640-57-6
	Molecular Weight	: 255.2



Application Melamine Cyanurate is a halogen-free flame retardant for polyamide. Steadable colour, good electrical property and environmentally friendly, Melamine Cyanurate has established itself as the flame retardant to achieve UL 94 V-0 especially for polyamide 6 and 6,6. Addition of MCA gives PA6(66) good mechanical and electrical properties.

Benefits and Features Steady colour; Good electrical property; Environmentally friendly.

Typical Properties

Appearance	white powder.																				
Assay %	99.5 min.																				
Whiteness	96 min.																				
Excess Cyanuric Acid %	0.2 max.																				
Volatile %	0.2 max.																				
PH (50g/L water)	5.0 - 7.0																				
Particle size																					
	<table border="0"> <tr> <td>Name</td> <td>D50</td> <td>D98</td> <td>Dav</td> </tr> <tr> <td>MCA</td> <td>Approx 3.0 μm.</td> <td>Approx 8.0 μm.</td> <td>Approx 4.0 μm.</td> </tr> <tr> <td>MC15</td> <td>Approx 3.0 μm.</td> <td>15.0 μm max.</td> <td>----</td> </tr> <tr> <td>MC25</td> <td>4.0 μm max.</td> <td>25.0 μm max.</td> <td>----</td> </tr> <tr> <td>MC50</td> <td>4.0 μm max.</td> <td>50.0 μm max.</td> <td>----</td> </tr> </table>	Name	D50	D98	Dav	MCA	Approx 3.0 μm.	Approx 8.0 μm.	Approx 4.0 μm.	MC15	Approx 3.0 μm.	15.0 μm max.	----	MC25	4.0 μm max.	25.0 μm max.	----	MC50	4.0 μm max.	50.0 μm max.	----
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MC50	4.0 μm max.	50.0 μm max.	----																		
Dosage																					
PA6 %	88-90																				
MCA %	12-10																				
PA66 %	90-92																				
MCA %	8-10																				

These properties are typical but do not constitute a specification either in part or as a whole. Specification data is available on request from sales, customer service or customer technical service.

Shipping Information Transportation classification: No regulated for transportation.
Packing: 20kg/bag; 500kg/carton; 10mt/20'FCL.

More information Oceanchem Group Limited
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