

Oceanchem Group Melamine Cyanurate (MCA)

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Molecular Formula: C₆H₉N₉O₃**Cas No.:** 37640-57-6**Physical Appearance:** Fine, white, crystalline powder, nontoxic, odorless; indissolvable in water and most organic solvents.**Use:** Melamine Cyanurate is a halogen-free flame retardant for polyamide. 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. Being halogen free also results in significant advantages in terms of fire safety, i.e. lower smoke density, lower smoke toxicity and less corrosion.**Features:** Steady color, good electrical properties, environmentally friendly.**Storage and Transportation:** Handle with care, keep airtight and dry.**Information Provided by Oceanchem Group**

Order this product through the following link:

http://www.lookpolymers.com/polymer_Oceanchem-Group-Melamine-Cyanurate-MCA.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.70 g/cc	1.70 g/cc	
Bulk Density	0.300 - 0.400 g/cc	0.0108 - 0.0145 lb/in ³	
pH	5.0 - 7.0	5.0 - 7.0	
Molecular Weight	255.2 g/mol	255.2 g/mol	

Descriptive Properties	Value	Comments
CAS Number	37640-57-6	
MCA (%)	99.5	
Molecular Formula	C ₆ H ₉ N ₉ O ₃	
Residue (%)	0.001	Melamine
	0.2	Cyanuric acid
Solubility	0.002	g/100ml water, at 20°C
Weight Loss (%)	0.2	dry
Whiteness	96	

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