

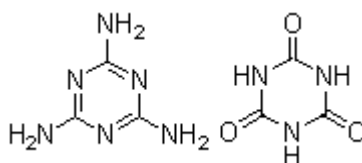
## TECHNICAL DATA SHEET

**NAME OF COMMODITY:** Melamine Cyanurate

**CAS NO.:** 37640-57-6

**MOLECULAR FORMULA:**  $C_6H_9N_9O_3$ ;  $C_3H_6N_6 \cdot C_3H_3N_3O_3$

**MOLECULAR WEIGHT:** 255.2



**STRUCTURE FORMULA:**

TESTS	SPECIFICATIONS
Appearance	White Powder
Main Content %	≥ 99.5
Residue Cyanuric Acid %	≥ 0.2
Residue Melamine %	≤ 0.3
Whiteness	≥ 96
Dry Weight Loss %	≤ 0.2
pH Value	5 - 7
Specific Gravity g/cm <sup>3</sup>	1.7
Bulk Density g/cm <sup>3</sup>	0.3 - 0.4
Water Solubility g/100ml	≤ 0.002 @ 20°C)

MC15 Particle size - D50 ~ 2 μm; D98 ≤ 15 μm

MC25 Particle size - D50 ~ 3 μm; D98 ≤ 25 μm

MC50 Particle size - D50 ~ 4 μm; D98 ≤ 50 μm

**APPLICATION:**

Melamine cyanurate is a halogen-free flame retardant for polyamides and thermoplastic urethanes for electrical wore coatings.

Being halogen free also results in significant advantages in terms of fire safety, i.e. lower smoke density, lower smoke-toxicity and less corrosion.

**PACKING:** net 25 kg bags, palletized

