



Century Multech Melamine Cyanurate Grades

MCA Grade	MCA022, MCA033*	MCA025	MCA050	MCA01	MCA12	MCA30	MCA610
Form	Powder	Powder	Powder	Granular	Granular	Granular	Surface Treatment**
Appearance	White crystal powder	White crystal powder	White crystal powder	White granules	White granules	White granules	White crystal powder
MCA %	≥ 99.5	≥ 99.5	≥ 97.5	≥ 99.5	≥ 99.5	≥ 99.5	97 to 99.5
Water Content %	≤ 0.2	≤ 0.2	≤ 0.30	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2
Excess Melamine %	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3
Excess Cyanuric Acid %	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2
Average particle size	≤ 1.8 μm	1.4 μm to 1.8 μm	≥ 1.8 μm	0.05 mm ≤ 90% ≤ 0.6 mm	1.0 mm ≤ 90% ≤ 2.0 mm	2.0 mm ≤ 90% ≤ 4.0 mm	≤ 3 μm
pH Value, 1% aqueous	5.0 – 7.0	5.0 – 7.0	5.0 – 8.0	5.0 – 7.0	5.0 – 7.0	5.0 – 7.0	5.0 – 7.0
Whiteness, F457	≥ 95.0	≥ 95.0	≥ 95.0	≥ 95.0	≥ 95.0	≥ 95.0	≥ 95.0

*MCA033 is similar to MCA022, except with higher whiteness and ETI Index over 600V

**MCA610 is coated with a layer of PVA (polyvinylalcohol) to improve its dispersion quality and further improve its fire retardant properties