

TECHNOLOGY TYPE	SILVER BASED ZEOLITES			SILVER BASED GLASS	SILVER BASED GLASS		SILVER BASED BENTONITES
Characteristics / Brands	A	B	C	D	E	F	G
Particle Shape	Cubic Structures (3D)			Amorphous Spherical (3D)	Amorphous Crystals (3D)		Plateletes (2D)
Particle size (product range)	2-3 µm	1-6 µm	0,5-5 µm	2-3 µm	Being measured	NA	5-6 µm
Dispersability	Medium to difficult			Medium	Difficult		Very easy
Silver control release	Medium	Medium	Medium	Low	Medium	Medium	High
Content of silver (product range)	0,3-2,5%	0,3-1,0%	0,3-1,0%	1,5-2,0%	1,0-2,0%	0,10-0,5%	0,5-3,0%**
Minimum Inhibitory Concentration (MIC, product range)	ND	250 published 1.000-10.000 analyzed	125-500 published	10.000	>10.000 ppm	ND	3-500 ppm
Effectiveness (short term) <24 hours	Very low	Very low	Very low	Low	Low	Medium	Very high
Effectiveness (long term) >3 months	Medium	Medium	Medium	High	Medium	Low	High
Remarks (EHS, handling, others)	EPA Approved	SIAA	SIAA	EPA Approved	SIAA	EPA Approved	EPA Approved / SIAA

(\*) Standard Grade. New products in progress with Particle Size < 1 µm

(\*\*) Standard application is 1% loading

**Main Competitive Advantages:**

- Excellent dispersion & Procesability
- Fast acting
- Minimal rheological influence
- MIC Values obtained according to the SIAA Method
- High effectiveness

