

Silicone antifoams for water treatment

Product	% Solids	Type	Ionicity	Activity	Water dispersibility	AlKaline and Acid resistance	Main Applications
AF 1206	6	PDMS	Non ionic	Good	Very good	Good	Water treatment. Low solids content, used where price is competitive and no particular performances are required. Good defoaming activity
AF 1208	8	PDMS	Non ionic	Good	Very good	Good	Water treatment. Low solids content, used where price is competitive and no particular performances are required. Good defoaming activity
AF 1210	10	PDMS	Non ionic	Good	Very good	Good	Water treatment. Medium solids content, used where price is competitive and good defoaming activity is required
AF 1316	15	PDMS	Non ionic	Very good	Very good	Very good	Water treatment. Medium-high solids content, used where good defoaming and antifoam activity is required
AF 1416	16	PDMS	Non ionic	Very good	Very good	Good	Water treatment. Medium-high solids content, used where good defoaming activity is required. Dilutable in water without use of thickener till 5% solids
AF 1216	15	PDMS	Non ionic	Very good	Very good	Good	Water treatment. Medium-high solids content, used where good defoaming and antifoam activity is required
TA 116	50	PDMS	Non ionic	Very good	Good	Very good	Water treatment. High solids content, used where good defoaming and antifoam activity and when high temperature and alkaly resistance is required

AF 22100	100	blend of fatty acids and esters	none	Good	Good in water. Dispersable in solvents	Good	Water treatment. Non silicone antifoam used in biological plant where silicone can cause problems inhibiting bacteria growing. Good balance quality/price
AF 23100	100	blend of fatty acids and esters	none	Very good	Good in water. Dispersable in solvents	Good	Water treatment. Non silicone antifoam used in biological plant where silicone can cause problems inhibiting bacteria growing. Very good antifoam and defoam properties
AF 25030	30	blend of fatty acids and esters in water	Non ionic	Good	Good in water	Good	Water treatment. Non silicone antifoam in emulsion used in biological plant where silicone can cause problems inhibiting bacteria growing. Used when price is competitive