

IDENTIFICACIÓN

FORMULA QUIMICA:	-
NOMBRE COMERCIAL:	ADD-5044
PESO MOLECULAR:	-
SINÓNIMOS:	ADD-5044

DESCRIPCIÓN

ADD-5044 is an anionic/cationic wetting and dispersing additive to improve wetting of pigment surfaces and organically treated Bentonites and to reduces the time required for the grinding process. ADD-5044 is the standard wetting and dispersing additive for industrial and architectural coatings. Not only can it be used as a multi-purpose wetting and dispersing additive, but it can also be utilized to activate the organophilic Bentonites.

USOS

Coatings: ADD-5044 reduces the interfacial tension between pigments or extenders and the vehicle leading to: -Reduced dispersion/grinding times -Decreased pigment sedimentation -Increased gloss -Improves flow ADD-5044 is a multi-purpose wetting and dispersing additive, which is compatible with all solvent and solvent-free coating systems. It can be used as well to provide excellent activation of organically treated Bentonites. ADD-5044 should be added prior to the dispersion/grinding process. 0.2-2.0% (delivery form) on inorganic pigments 2.0-5.0% (delivery form) on organic pigments 30.0 - 50.0% (delivery form) on the Bentonites Composite: ADD-5044 improves the dispersing/grinding process of fillers in glass fiber reinforced plastics. Through a better wetting and a more homogeneous distribution of the fillers, a strong viscosity reduction is obtained. This results in an improvement of the physical properties like the impact resistance, especially in systems filled with Al(OH)₃s. ADD-5044 can be used in filled SMC(sheet moulding compounds) and BMC (bulk moulding compounds) and in other filled and reinforced compounds. ADD-5044 should be added to resin system prior to the addition of the extenders. 0.5-1.5% (delivery form) on extenders Storage, Safety & Handling ADD-5044 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. ADD-5044 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

ESPECIFICACIONES TECNICAS

Propiedad	Método	Unidad	Especificación
Composition	-	-	Unsaturated polyamide and acid ester salts

Solvent(s)	-	-	Xylene/n-butanol/monopropyleneglycol
Specific gravity @ 20°C	-	-	Ca. 0.94 g/cm ³
Flashpoint	-	-	25°C
Appearance	-	-	Transparent, yellowish liquid
Amine value	-	-	14-20 mg KOH/g
Acid value	-	-	23-31 mg KOH/g
Active ingredients	-	-	52%