



Malo, 15/09/16

MASTER ANTISTATICO GM/CW

Product description:	Highly purified glycerol monostearate	
Specifications:	Appearance	free flowing off-white pastilles Approx.. 1-1,5 mm diameter
	Monoester content	90,0% min.
	Free glycerol	1,0% max.
	Free fatty acid as stearic acid	1,5% max.
Characteristics:	Melting point	approx.. 70°C
	Solubility in water	insoluble
	Storage	preferably below 25°C
Safety and handling:	Store and handle in a dry well-ventilated place away from sources of heat or ignition and direct sunlight. Do not mix with organic peroxides.	
Food approvals:	Approved for applications in articles for indirect food contact and articles to carry drinking water in various countries all over the world. Some examples are (max. allowable levels in % w/w can vary per application):	
	ECC	No limitations for all polymers
	Australia	PE,PP,PVC: 3% ; PS: 0,5%
	Japan	No limitations for all polymers
	USA	No limitations for all polymers
Application:	GM/CW is a glycerolstearate with high monoester content (>90%), and is widely used as internal antistat for polyolefins but can also be used for PVC. It is a very fast migrating additive and due to that it gives almost instantaneous antistatic performance. However in a lot of cases the effect is only temporarily.	
	Due to the fast migration GM/CW also has a positive effect on the flow and mould release. Next to that GM/CW provides slip and antiblock effect in PP and anticondense effect in LDPE.	
Usage:	Polyolefins film	0,05-0,2%
	Polyolefins molded articles	0,1-1%
	Polyvinylchloride	0,5-2%
	ABS-PS	0,5%

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