

DEUTERON LE 512

Antistatic agent for plastics, free of solvents and plasticisers

Chemical Description

Tetraalkylammoniumethylsulphate

Physical Data

Appearance	yellowish, solid like a wax
Specific Weight	approx. 0,96 g/ml
pH-Value	approx. 7,5 (1 % in dist. water)
Melting Point	approx. 88 °C

Properties

DEUTERON LE 512 is a solid product with an active content of 100 %. Therefore the product is especially suitable in solvent free systems. DEUTERON LE 512 is soluble in water and alcohol but insoluble in aliphatic hydrocarbons.

Due to the cationic character and the high polarity low dosages of DEUTERON LE 512 reduce the electrical resistance.

Application

The suitability of DEUTERON LE 512 in different systems has to be determined by the user. The product is, for example, very effective in PU-systems. Products of this chemical family are, however, practically ineffective in Epoxy systems.

Dosage

The exact dosage should be determined by own trials. In many cases an addition of 1,0 % - 2,5 % already converses the required reducing of electrostatic charge.

Processing

DEUTERON LE 512 has good flowing-properties at temperatures above 80 °C and can then be added easily into systems which must be provided with antistatic effect.

Storage Conditions

DEUTERON LE 512 can be stored in its original tightly closed containers for at least 24 months at room temperature. DEUTERON LE 512 is meltable at 80 °C.

Package Sizes

Sheet steel hobbock (25 kg net)

Safety Regulations

DEUTERON LE 512 is classified as a dangerous product according to the EU Directive 67/548/EWG and its amendments and therefore has to be marked: Xn - less toxic
N - dangerous for the environment

This leaflet intends to give technical advice without warranty and does not claim to be complete.

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