

PLASTIFICANTE DOP

DIVISION: PU SYSTEMS

DESCRIPCIÓN

DOP or Dioctyl phthalate is a plasticizer which is a neutral, clear and colourless liquid, which exhibits a distinctive smell. It is not very soluble in water, but very soluble in organic and inorganic compounds, and it also presents great chemical and thermal resistance.

PHYSICAL PROPERTIES

CHARACTERISTICS	UNIT	PLASTIFICANTE DOP
Specific weight, 20°C	g / cc	0,985
Viscosity, 20 °C	cps	80
Water solubility	g/l	< 0,1
Flash Point, (O.C)	° C	205
Acidity Index	mg KOH/g	0.08

APPLICATIONS

DOP is very effective as plasticizer or as diluent of vinyl polymers, urethanes polymers, epoxy resins, cellulosic derivatives, plastisol resins, polyacrylonitrile, polyamides, and so on.

DOP can be perfectly mixed with a lot of solvents, like ether, alcohol, ester, ketones and hydrocarbons. It shows a high thermal stability, splitting over 300°C.

It does not present any corrosive action on the common metals (steel, aluminium, copper, etc.).

Especially in the industry of polyurethane, an usual application is as a cleaning agent or in the maintenance of circuits mainly containing isocyanates. (Injection machines, hoses, mixer heads, tank of storage, etc).

STORAGE RECOMMENDATIONS

Properly stored, the shelf life is 12 months.

SAFETY RECOMMENDATIONS

Appropriately handled, the solvent does not present significant risks. Avoid contact with eyes and skin. The instructions given in the safety Data Sheet must be followed during the handling of the product.

SUPPLY OF THE PRODUCT

The product is usually supplied in non-returnable steel drums of 5 and 25 kg.