

DOP

Technical Data Sheet



إنوشيم انترناشونال ش.ذ.م.م

InnoChem International L.L.C.

Waterproofing & Insulation Materials

Diethyl phthalate (DOP)

Product Description

DOP is still widely used as a plasticizer in selected applications where volatiles are less of an issue. It is also used as a [hydraulic fluid](#) and as a [dielectric](#) fluid in [capacitors](#). DOP was the most widely used material as a [plasticizer](#) in manufacturing of articles made of [PVC](#). Due to toxicity reasons, its usage has dropped and has been replaced by lower volatile phthalate and phthalate free products in some PVC and other applications

Applications

Flexible PVC, screen printing inks, paints, coatings, lacquers, adhesives and sealants

State: Liquid

Commercial/ Trade Name: Dioctyl

phthalate CAS No. 117-81-7

Typical Properties

Feature	Standard Value
Appearance	Colorless Clear
Color, APHA	35 Max
Acid Value (KOH mg/g)	0.05 Max
Specific Gravity, 20° C	0.983 - 0.989
Refractive Index, 20° C	1.482 - 1.488
Moisture Content (Wt. %)/ Humidity	0.05 Max
Ester Content (Wt. %)/ Assay	99 Min

Packaging

Packaging	Description
Drum	441 lb non-returnable
Tote	2800 lb non-returnable

