

## DOP

Properties	Test Method	Unit	Value
Appearance	JIS K - 6751	----	Clear oily liquid
Color	JIS K - 6751	APHA	40 Max
Refractive Index	JIS K - 6751	25 °C	1.485 ± 0.003
Specific Gravity (Density 20 °C)	JIS K - 6751	Kg/m³	0.986 ± 0.003
Volume Resistance (30 °C)	JIS K - 6751	Ohm-Cm	1.0 × 10¹¹ Min
Water Content	JIS K - 6751	Wt%	0.1 Max
Volatility % (30 °C 3hr)	JIS K - 6751	Wt%	0.15 Max
Flash Point	JIS K - 6751	°C	230 ± 10
Pour Point	JIS K - 6751	°C	-40 ± 10
Boiling point	JIS K - 6751	°C	385 ± 10
Acidity (KOH mg/g)	JIS K - 6751	mg.koh/gr.sample	0.05 Max
Acidity After Heating	JIS K - 6751	mg.koh/gr.sample	0.3 Max
Ester Value	JIS K - 6751	mg.koh/gr.sample	287 ± 3

**Application :** Industrial grade DOP has excellent composite properties, including good mixing capacity, high plasticization efficiency, low volatility, good flexibility at low temperatures, resistance to dehydration, good electrical properties, heat resistance, and the ability to resist changes It is the weather.

This combination can be used in the processing of all kinds of soft PVC products, vinyl chloride copolymer and fiber resin, such as film, sheet, artificial leather, cable, plastic mold, etc.

It also has a good plasticizer effect in all types of synthetic rubber.