



Certificate Of Analysis

Product Name: Di Octyl Phthalate (DOP)

Specification

CHARACTERISTICS	UNITS	TEST METHOD	VALUE
Colour	HU	ASTM- D- 1045- 86	20 max
Volatile Loss (130°C/ 3Hrs)	wt%	KLJTM	0.10 max
Ester Value	mg KOH/ g	ASTM- D- 1045- 86	284- 290
Acidity	wt%	ASTM- D- 1045- 86	0.01max
Moisture	wt%	ASTM- E- 203	0.10 max
Specific Gravity (27°C)	-	ASTM- D- 1045- 86	0.980- 0.986
Ester content	wt%	ASTM- D- 1045- 86	99.50 min
Heat Stability (130°C/ 2Hrs)	HU	ISI- 959+ 96	No change
Acidity after heat treatment	wt%	ASTM- D- 1045- 86	0.03
Plasticizing Esters by GC	% by area	KLJTM	99.50 min
Residual alcohol	% by area	KLJTM	0.10 max

Typical Properties

Volume Resistivity	Ohmcm	KLJTM	$2 \pm 0.2 \times 10^{11}$
Boiling Point @ 7 mbar	°C	lit.	231
Pour point	°C	lit.	- 46
Viscosity at 20°C	cp	KLJTM	82±
Flash point	°C	KLJTM	218
Refractive Index (27°C)	-	ASTM- D- 1045- 86	1484- 1488

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