

LGflex GL300

Description

GL300(DOTP) is a non-phthalate general purpose plasticizer and has excellent heat resistance. It generally can be replaced to DOP, DINP in various application.

Application

Compound, Tile, Deco Sheet, Flexible Sheet, Hose, Wallpaper,
Synthetic Leather

Properties	Method	Unit	LGflex GL300	Condition
Specification				
Color	ASTM D1209		Max 20	
Density	ASTM D1298		0.984 ± 0.003	
Acid Value	JIS K 6751	KOH mg/g	Max 0.02	
Acid value after Heating	JIS K 6751	KOH mg/g	Max 0.07	
Refractive index	JIS K 6751		1.487 ± 0.003	
Ester Contents	LG method	wt %	Min 99.5	
Heating Loss	JIS K 6751	wt %	Max 0.07	
Volume Resistivity	JIS K 6751	x10 ¹⁰ Ω.cm	Min 2.0 × 10 ¹¹	
Property				
Molecular Weight			391	
Viscosity		cP	82	20°C
Boiling Point		°C	383	@760mmHg
Freezing Point		°C	-48	
Flash Point		°C	238	

Stability and Reactivity

A. Chemical stability & Possibility of hazardous reactions

- This material is stable under recommended storage and handling conditions.
- Hazardous polymerization will not occur.

B. Conditions to avoid

- Avoid contact with incompatible materials and condition.
- Avoid : Accumulation of electrostatic charges, heating, flames and hot surfaces.

C. Incompatible materials

- Not available

※ This data is based on experimental figures, which are not guaranteed.

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