

LGflex BET

Odorlessness, Migration Resistance, Low Volatility

▸ Application

Non-toxicity Sheets, Toys, Interior and External Decoration of Automobiles

▸ Feature

LGflex BET is the new material developed by LG for the time in the world. Certified as a product that conforms to the standards of 21 CFR(FDA) and 16 CFR(Acute Oral Toxicity) of the code of federal regulations in the US. LGflex BET is an environment-friendly(non-endocrinic distrupter) plasticizer for PVC soft sheet and injection, with excellent volatile resistance, migration resistance and improved odor qualities.

▸ Properties

-	Method	Condition	Unit	Value
Color	JIS K6751	-	APHA	100 MAX.
Acidity	JIS K6751	-	KOH mg/g	0.2 MAX.
Acid Value After Heating	JIS K6751	after125°Cx3hr	KOH mg/g	0.5MAX.
Heat Loss	JIS K6751	125°Cx3hr	wt.%	1.0 MAX.
Molecular Weight		-	-	490.68
Freezing Point		-	°C	-41
Flash Point		-	°C	230
Boiling Point		@760mmHg	°C	346
Viscosity		20°C	cps	162