



## **DUPLAST BFLEX 88**

**A BIOFLEXICIZER FOR PVC & RUBBER**

BFLEX 88 is a BIOFLEXICIZER FOR PVC & RUBBER ( both synthetic & rubber ) which is an effective alternative plasticizer for DOP, DBP & other plasticizer.

**DUPLAST**

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## DUPLAST BLEX 88

### PROPERTIES

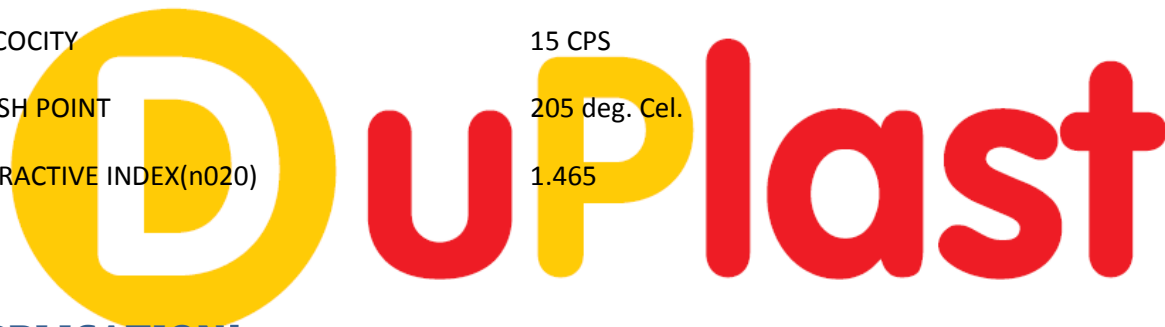
BFLEX 88 is an eco-friendly plasticizer which has good dissolvability in POLY VINYL CHLORIDE (PVC), SYNTHETIC & NATURAL RUBBER & CO-POLYMERS. It has good dissolvability, mechanical, machining & tolerance are better than DOP. It is an plasticizer which is low in cost & excellent in quality.

It is a clear liquid ester, which is made from eco-chemicals. It has low volatility, little mobility and won't react in heat and light. It can effectively replace DOP, DBP, EPOXY SOYA and other pthalatic plasticizer in PVC & its co-polymers.

### SPECIFICATIONS:-

#### CHARACTERISTIC

CHARACTERISTIC	VALUE
COLOR	CLEAR LIGHT LIQUID
VOLATILE LOSS(130°C/3HRS)	0.045%
MOISTURE	0.01%
DENSITY	1.04 GMS/CM3
HEAT STABILITY(180°C/2HRS)	NO CHANGE
BOILING POINT	465 deg. cel
VISCOCITY	15 CPS
FLASH POINT	205 deg. Cel.
REFRACTIVE INDEX(n020)	1.465



### APPLICATION:-

It can be used in all of the plastic products (PVC) such as all kinds of food package materials, PVC LEATHER, PLASTISOLS, medical products, different kinds of films, plastic wallpaper and other plastic products for everyday use. It especially performances well in PVC films and extrusion products. What's more, it can be widely used in electronic wires and cables, sheet material, tube and pipe, plastic rain boot and weather strip of the refrigerator, etc.

BFLEX 88 has excellent plasticizing properties, better dissolvability, it is safe to use and moreover, products made with BFLEX 88 has good flexibility. It is specially used for application where emulsion

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grade PVC is used & also filler material like calcium is used in heavy amount. It is cheaper than DOP, DBP and replaces these products completely or partially in the PVC formulation. It can be use 15-100% in PVC formulation. So, it helps in reducing cost and increase competitiveness in the market.

### PACKAGING:-

BFLEX 88 is packed in 200 KG HDPE drums, tanker load. It should be stored in tightly closed container in a cool dry ventilated area.

### SAFETY:-

MSDS PROVIDED ON REQUEST.

### SHELF LIFE

Original characteristics remain intact for 24 months, if kept in recommended storage.



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