



DUPLAST BFLEX 79

A BIOFLEXICIZER FOR PVC & RUBBER

BFLEX 79 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 79

PROPERTIES

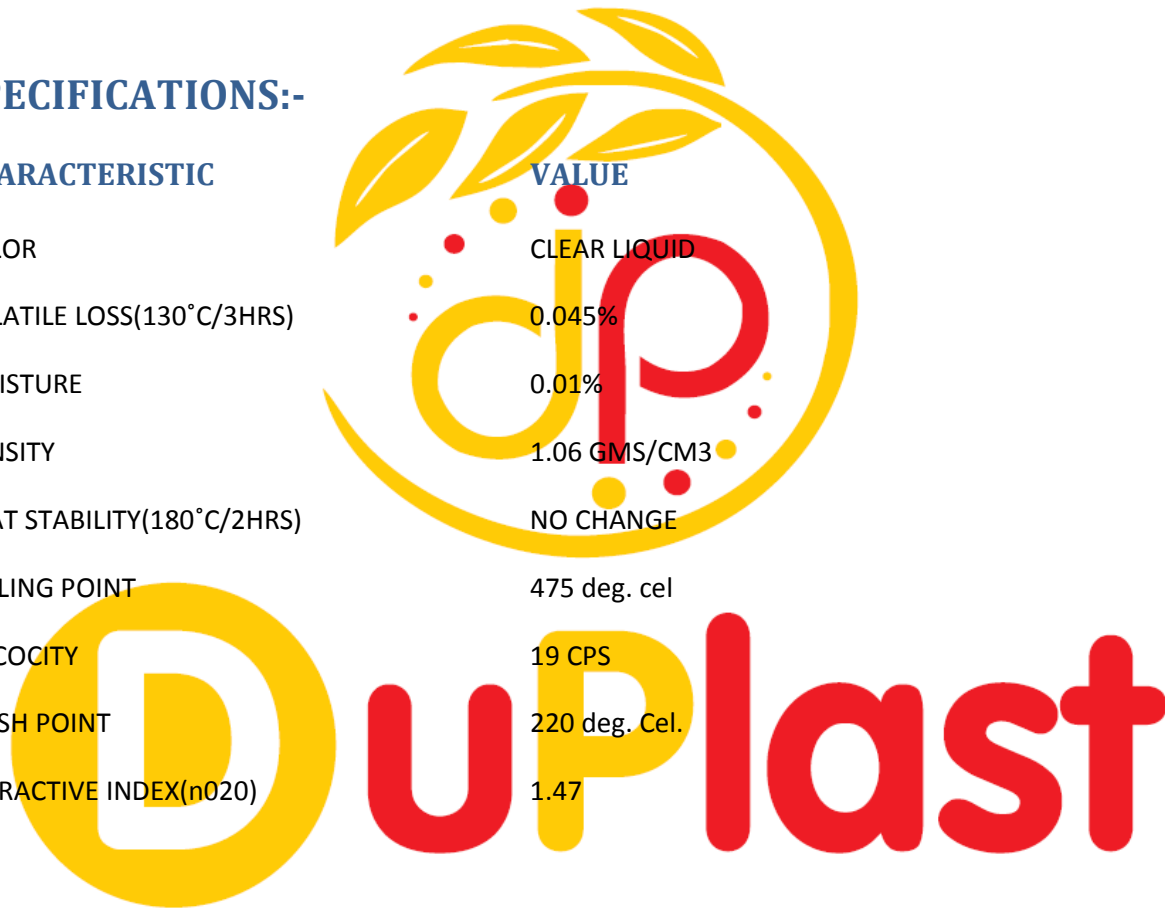
BFLEX 79 is an eco-friendly plasticizer which has good dissolvability in POLY VINYL CHLORIDE (PVC), SYNTHETIC & NATURAL RUBBER & CO-POLYMERS. It has good dissolvability, mechanical, machining & tolerance are better than DOP. It is an excellent non-phthalate plasticizer which is low in cost & excellent 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 phthalic plasticizer in PVC & its co-polymers.

SPECIFICATIONS:-

CHARACTERISTIC

| CHARACTERISTIC | VALUE |
|-------------------------------------|--------------------------|
| COLOR | CLEAR LIQUID |
| VOLATILE LOSS(130°C/3HRS) | 0.045% |
| MOISTURE | 0.01% |
| DENSITY | 1.06 GMS/CM ³ |
| HEAT STABILITY(180°C/2HRS) | NO CHANGE |
| BOILING POINT | 475 deg. cel |
| VISCOCITY | 19 CPS |
| FLASH POINT | 220 deg. Cel. |
| REFRACTIVE INDEX(n _D 20) | 1.47 |



APPLICATION:-

It can be used in all of the plastic products (PVC) such as all kinds of food package materials, medical products, different kinds of films, plastic wallpaper, printing inks 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.

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BFLEX 79 has excellent plasticizing properties, better dissolvability, it is safe to use and moreover, products made with BFLEX 79 has good flexibility. 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 79 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.



LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests DUPLAST believes to be reliable, but the accuracy or completeness thereof is not guaranteed. DUPLAST shall have no liability for any injury, loss o damage arising out of the use of or the inability to use the products.

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