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Polymer Plasticizer 640

PROPERTY:

640 is an environmentally friendly, non-toxic adipate polyester plasticizer, appearing as colorless, transparent oily liquid. It features **high plasticizing efficiency, excellent compatibility with PVC resin, and good processability comparable to DOP**. 640 can serve as a **phthalate-free alternative to DOP** in electric cables and wires.

APPLICATION:

640 is suited for UL 60°C cables and wires, high-safety products such as child toys and tools, high-end artificial leather, food packaging films, beverage tubes, bottle cap gaskets, and refrigerator sealing. When DOP was out of stock, 640 can also work as a primary plasticizer substitute for cable sheathing, but not for inner insulation.

SPECIFICATION:

| Item of Analysis | Unit | Value |
|------------------|----------------------------|-------------------------|
| Appearance | | Transparent oily liquid |
| Color | Platinum-Cobalt No. \leq | 100 |
| Acid Value | KOH mg/g \leq | 1.0 |
| Water Content | % \leq | 0.10 |
| Relative Density | (20°C), g/cm ³ | 1.010-1.040 |
| Viscosity | c-poise (25°C) | 140-250 |

PACKING:

In iron drums, 200kg net weight per drum, total 80 drums (16MT) per 20' FCL, OR
In IBC tank, 1,000kg net weight per tank, total 20 tanks (20MT) per 20' FCL, OR
In flexibag, around 21-23MT per 20' FCL.

STORAGE/TRANSPORTATION:

Store it at cool, dry, and well-ventilated places, such as a common chemical goods and general warehouse. Keep the container sealed when not in use.