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Polymer Plasticizer 630

PROPERTY:

630 is an **environmentally friendly, non-toxic adipate polyester plasticizer**, appearing as colorless, transparent oily liquid. With its high molecular weight, 630 features **outstanding solvent extraction resistance, high-temperature resistance (105 °C), and ultra-low volatility**, making it a cost-effective alternative to TOTM. It also exhibits **good plasticizing efficiency, oil resistance**, and durability. Blending polymeric plasticizer like 630 and monomer plasticizers combines advantages of both types, optimizing product performance.

APPLICATION:

630 is suited for high-performance products, such as UL-105°C cable and wire insulation and sheathing, solvent-resistant gloves and pipes, low volatility films and sheets, artificial leather, and premium leather bags and shoes.

SPECIFICATION:

Item of Analysis	Unit	Value
Appearance		Transparent oily liquid
Color	Platinum-Cobalt No. ≤	50
Acid Value	KOH mg/g ≤	1.5
Water Content	% ≤	0.10
Relative Density	(20°C), g/cm ³	1.050-1.080
Viscosity	c-poise (25°C)	800-1200

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.