



## DINGNUO POLYMER TECHNOLOGY GROUP CO., LTD

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### Polymer Plasticizer 615

#### **PROPERTY:**

615 is an **environmentally friendly, non-toxic adipate polyester plasticizer**, appearing as a colorless, transparent oily liquid. It is widely recognized as a permanent plasticizer. With its high molecular weight structure, 615 exhibits **outstanding migration resistant to ABS and PS, resistance to oil and solvent extraction, and ultra-low volatility**. Compared with conventional monomer plasticizers, 615 provides **enhanced heat resistance, durability, and long-term stability** in PVC applications. Blending polymeric plasticizer like 615 and monomer plasticizers combines advantages of both types, optimizing product performance.

#### **APPLICATION:**

615 is suited for high-performance products, such as migration-resistant (PS/ABS) cable and wire insulation and sheathing, refrigerator gaskets, oil-resistant boots, films and sheets, artificial leather, etc. When DOP is out of stock, 615 can also work as a primary plasticizer alternative for cable sheathing.

#### **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 <sup>3</sup>	1.040-1.070
Viscosity	c-poise (25°C)	2500-3500
Oil Resistance	(25°C for 24h)	0

#### **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.