



张家港丰通化工有限公司

ZHANGJIAGANG FORTUNE CHEMICAL CO., LTD

地址: 江苏省张家港市人民东路 19 号国泰新天地广场 1013 室

Room 1013, Guotai Xintiandi Square, No. 19, East Renmin Road, Zhangjiagang City, China 215600

电话/Tel: +86-512-58740306 传真/Fax: +86-512-58960306

Website: www.fortunechemtech.com Email: sales@fortunechemtech.com

税号/ VAT No.: 91320582066243769P

FOR PLAS-900

FOR PLAS-900, a cold-resistant plasticizer which has excellent heat resistance, weather resistance, and transparency. Compared to other cold-resistant plasticizers, this product demonstrates lower volatility, higher resistance to extraction, and superior electrical insulation properties. **It has very similar performance with Lanxess Mesamoll.**

1. Physical and Chemical Properties:

Item	Method	Specification
Appearance	Visual	Light yellow transparent liquid
Color Value (Pt-Co)	GB/T 1664-1995	≤150
Acid value (mgKOH/g)	GB/T 1668-2008	≤2
Iodine value%	GB/T 1676-2008	≤5
Epoxy value%	GB/T 1677-2008	≥ 3.5
	ASTM D 1652-04	≥ 4.1
Flash point /°C	GB/T 1671-2008	≥ 220
Viscosity (25°C) / mPas	NDJ-8S Digital viscometer	30-70
Heating Loss %	GB/T 1669-2001	≤0.2
Density (20°C) / (g/cm ³)	GB/T 4472-2011	0.9000 - 0.9300

2. Product Features:

Excellent compatibility with PVC resin, low viscosity, good plasticizing properties, soft texture, minimal thermal aging loss in products, and resistance to leaching and migration.

3. Product Application:

- ① Serves as a plasticizer for non-toxic PVC products used in food packaging, such as non-toxic beverage bottles, refrigerator seals, medical infusion tubes, and syringes.
- ② Suitable for thin films, artificial leather, and other products requiring weather resistance and cold resistance.
- ③ Used with polyester plasticizer to improve the compatibility between polyester and PVC.
- ④ In the formulations of various VC products, it is used as a stabilizer in combination with metal salt stabilizers to achieve synergistic effects and enhance stability.

4. Packaging options:

180kg iron drums, 900kg IBC

5. Notes:

Freezing point is -15°C. After solidification, simply heat to above 25°C for normal use without affecting product quality.

HS CODE: 29161500.00



增塑剂 FOR PLAS-900

增塑剂FOR PLAS-900是环氧植物油耐寒型增塑剂, 耐寒性优异, 并具有良好的耐热性、耐候性和透明性, 与其他耐寒增塑剂相比, 本品的挥发性小, 耐抽出性高, 电绝缘性亦好。

1. 理化性能指标

外观	目测	浅黄色透明液体
色度(Pt-Co)≤	GB/T 1664-1995	150
酸值(以 KOH 计)/(mg/g)≤	GB/T 1668-2008	2
碘值%≤	GB/T 1676-2008	5
环氧值%≥	GB/T 1677-2008	3.5
	ASTMD 1652-04	4.1
闪点/℃≥	GB/T 1671-2008	220
粘度(25℃)/mpas	NDJ-8S 数字式粘度计	30-70
加热减量/%≤	GB/T1669-2001	0.2
密度(20℃)/(g/cm ³)	GB/T 4472-2011	0.9000~0.9300

2. 产品特点:

与 PVC 树脂的相容性好, 粘度低, 塑化性能好, 手感柔软性好, 制品的热老化质量损失较小, 耐析出和迁移。

3. 产品用途:

- ①用于作为食品包装材料使用的无毒 PVC 制品的增塑剂, 如无毒饮料瓶, 冰箱密封条, 医用输液管, 注射器。
- ②适用于薄膜、人造革和其他要求耐候性和耐寒性的制品。
- ③与聚酯增塑剂并用, 以提高聚酯与 PVC 的相容性。
- ④在各种 VC 制品的配方中用作稳定剂与金属盐稳定剂并用以起协同效应, 加强稳定作用。

4. 产品包装:

180kg/铁桶、900kg/IBC

5. 备注:

凝固点 -15℃,凝固后只需要加热到 25℃以上就可以正常使用, 不会影响产品质量。