



Eco-Plasticizer for PVC

High performance non-phthalate plasticizer with low viscosity, low migration, better stability in low temperature, better compatibility with PVC compound, and ease of mixing.

EcoSoft-38 is a high performance non-phthalate plasticizer for PVC compound. It can be used to manufacture products and packaging with high safety standards such as cable, food wrap, shrink film, medical glove, toy, PVC floor tile, and carpet backing.

- **Phthalate - free:** environmentally friendly and safe to use in applications with human contact
- **Enhanced productivity:** compatible with a variety of PVC resins and requires a smaller dosage to create a PVC compound when compared to other non-phthalate plasticizers
- **Low defect point:** improved elasticity and tear resistant during production and usage
- **Low migration:** quickly produce a homogeneous mixture of PVC compound

Physical Properties

Properties	Test Method	Specification
Appearance	JIS K6751	Clear colorless
Active Ingredient (%)	Gas chromatography (GC)	96% min
Water Content (%)	ASTM E203	0.1% max
Visual Color (APHA)	ASTM D1209	40 max
Specific Gravity (SG) @ 20°C/20°C	ASTM D4052	0.975 - 0.983
Refractive Index @ nD25°C	JIS K6751	1.482 - 1.492
Acid Number (KOH mg/g)	ASTM K0070	0.1 max

Certification

European Commission Regulation (EU) No 10/2011
 Directive 2011/65/EU (RoHS-Requirements) incl. 2015/863
 REACH Regulation (EC) No 1907/2006
 ISO 9001:2015

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