



TECHNICAL DATA SHEET

Product Type
General Purpose Application

Product Name
Non Phthalate Plasticizer
Product Grade
EcoSoft-38

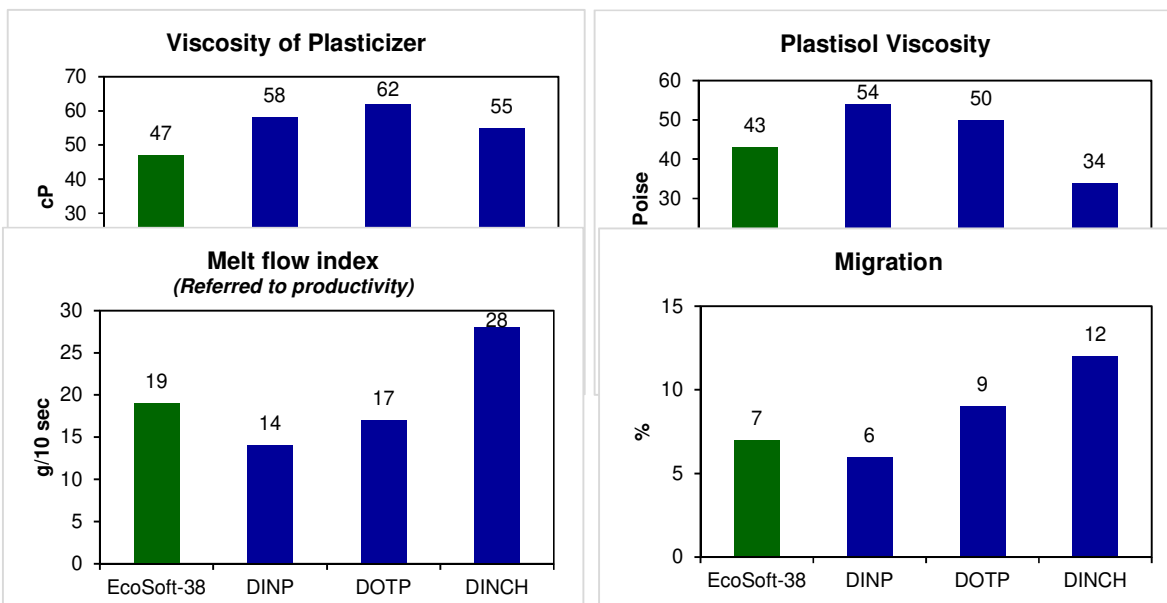
Product Description

- EcoSoft-38 is a high performance non-phthalate plasticizer for compound. It has excellent properties such as; low plasticizer improve PVC-plasticizer compatibility, ease of mixing, low low temperature stability. When EcoSoft-38 is incorporated into the mixture exhibits low initial good viscosity stability over

PVC viscosity, migration and PVC plastisol, viscosity and time.

Product Characteristics

- Low initial plasticizer viscosity (Ease of mixing)
- Low plastisol viscosity (Lower plasticizer dosage)
- Ease of processing (Improved productivity)
- Good compatibility with PVC (Lower migration)
- High volume resistivity
- High heat stability
- High clarity
- Excellent brittleness temperature



Note: Formulation with PVC resin 100 phr and Plasticizer 50 phr

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 APHA 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



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Typical Application

- Wire/ Cable
- Film/ Sheet
- Automotive
- Hoses/ Tubing
- Gaskets/ Seal liner
- Flooring/ Interior surfaces
- Shoes
- Toys
- Tarpaulin
- Artificial leather

Dryblend/Plastisol: The product needs to be compounded properly with the PVC resin and additives by using standard mixing techniques (preferably the high speed mixer). The optimum processing condition for each converter depends on the formulation and the machine. Generally, the processing temperature is 120 to 200°C for soft products.

Product Technical Assistance

For technical assistance or further information on this product or any other Texplore' products, contact your Texplore technical service at the address or telephone number as specified below.

Product Packaging

- Steel drum (200 kg)
- Bulk container
- Flexi tank



Storage

- Keep container tightly closed in a dry and well-ventilated place. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
- Product should be stored in dry and dust free location and protected from direct sunlight and/or heat. Keep away from strong oxidizing agents.
- The storage area should be stable and not be sloped.

Safety

- The product is not classified as a hazardous material.
- Please see our Safety Data Sheet for details on various aspects of safety, recovery, and disposal of the products; for more information, contact your Texplore technical service.

Related Documents

- The latest version of this document will be available at our website, www.texplore.co.th, or can be obtained from the Texplore technical service.
- The following related documents are available upon request, and represent various aspects on the usability, safety, recovery and disposal of the product.
 - Safety Data Sheet

Disclaimer

- The Applications specified herein is for reference only.
- It is customer's responsibilities to inspect and test the product for suitability of the customer's own use and purpose. The customer is responsible for appropriate, safe, legal use, processing and handling of the product.
- To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. We however do not assume any liability whatsoever for the accuracy and completeness of the information contained herein.
- We make no warranties which extend beyond the description herein. Nothing herein shall constitute any implied warrant of merchantability or fitness for a particular purpose.
- No liability can be accepted in respect of the use of the product in conjunction with other materials. The information contained herein relates exclusively to the product when it is not used in conjunction with any third party's materials.

