

Vikoflex[®] 5075

EPOXIDIZED PROPYLENE GLYCOL DIOLEATE PLASTICIZER

Functional Additives



Product Description

Vikoflex[®] 5075 is a high quality monomeric epoxy plasticizer which offers low volatility, low temperature flexibility and high compatibility in polyvinyl chloride systems. The low viscosity of Vikoflex[®] 5075 epoxidized propylene glycol dioleate plasticizer makes it suitable for plastisol and organosol formulations. The epoxy functionality provides excellent heat and light stability.

Typical Physical Properties

Oxirane Oxygen	4.4% Min
Acid Value	1.0 Max
Viscosity Stokes @ 25°C	1.2
Color - APHA	175 Max
Flash Point	< 500°F
Freeze Point	32°F

Suggestions for Use

- High specification medical formulations
- Semi-rigid and flexible vinyl formulation
- Vinyl plastisol and organosols
- Coated fabrics
- Automotive interiors and moldings

Packaging

Vikoflex[®] 5075 epoxidized propylene glycol dioleate plasticizer is available in 55 gallon (420 lb net) steel drums and 40,000 lb bulk tanktrucks.

Environmental and Safety Information

BEFORE HANDLING THIS MATERIAL, READ AND UNDERSTAND THE MSDS (MATERIAL SAFETY DATA SHEET) FOR ADDITIONAL INFORMATION ON PERSONAL PROTECTIVE EQUIPMENT AND FOR SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION.

For Environmental, Safety & Toxicology information, contact our Customer Service Department at 1.800.331.7654 in the US or (+33) (0) 1.49.00.88.02 in Europe to request a Material Safety Data Sheet.

More Technical Information Available

Ask your Arkema account manager for further information about other high quality Arkema additives for use in PVC resins, PVC alloys, and other polymer systems. Arkema produces a full line of heat stabilizers, impact modifiers, process aids and epoxidized vegetable oils. In addition, Arkema's Technical Service staff is available to assist compounders and processors solve formulation and processing problems.

Biostrength® Modifiers for Sustainable Additives

The Biostrength® product line of impact modifiers, melt strengtheners, and metal release agents are designed to improve properties and enhance processability of polylactic acid (PLA) and other biopolymers and biopolymer compounds for use in sheet extrusion, calendaring, blow molding, thermoforming and foamed applications. Biopolymer applications can now achieve the physical properties and economy of traditional petroleum-based engineering resins, so you can confidently deliver a more sustainable product.

Clearstrength® & Durastrength® Impact Modifiers

Clearstrength® and Durastrength® impact modifiers are designed to meet a wide variety of processing requirements, from high efficiency modifiers for durable, exterior building products to high clarity, crease resistant products for packaging applications. Arkema's impact modifiers provide PVC processors with cost effective performance and lot-to-lot consistency.

Plastistrength® Process Aids

Plastistrength® process aids offer producers of rigid and flexible PVC greater product uniformity by improving compound fusion and flow during extrusion, injection molding and thermoforming. Variances in wall thickness and surging can be greatly minimized with Plastistrength® process aids.

Thermolite® Heat Stabilizers

Thermolite® heat stabilizers are designed for use in the production of rigid, semi-rigid, foamed, and flexible PVC products. Arkema has developed PVC heat stabilizers specifically for extruded siding, profiles and pipe, injection molding, blow molded bottles, and calendared or extruded sheet. Arkema offers a full line of stabilizers that meet FDA requirements for food grade PVC packaging, and a full line of NSF authorized stabilizers for PVC potable water pipe & fittings.

Vikoflex® Epoxy Plasticizers

The Vikoflex® line of epoxy plasticizers offers flexible PVC producers one of the highest quality, dual-function epoxidized vegetable oils available. Arkema has the ability to produce material with exacting specifications to meet varied customer requirements.

For Technical Information Contact

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For Order Information Contact

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Visit us at our Website

www.additives-arkema.com (US) or www.arkema.com (Europe)

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See MSDS for Health Considerations. The MSDS on this product is available on our website at www.additives-arkema.com for the US, www.arkema.com for Europe, or contact our customer service department at (+1) (800) 331.7654 in the US or (+33) (0) 1.49.00.88.02 in Europe.

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