

Cargill Vikoflex[®] 4964 plasticizer

Product Description

Vikoflex[®] 4964 plasticizer is a high-quality monomeric epoxy plasticizer which offers low volatility, excellent low temperature flexibility, and high compatibility in polyvinyl chloride systems. The low viscosity of Vikoflex[®] 4964 product makes it suitable for plastisol and organosol formulations. The epoxy functionality provides excellent heat and light stability.

Applications

- Semi-rigid and flexible vinyl formulations
- Vinyl plastisol and organosols
- Coated fabrics
- Automotive interiors and moldings

Typical Properties

CHEMICAL & PHYSICAL ANALYSIS	TYPICAL VALUE	UNIT OF MEASURE
Oxirane content	4.7	%
Viscosity @ 25°C	1.2	stokes
Specific Gravity	0.95	-
APHA Color	<175	-
Moisture Content	<0.05	%
Iodine Value	<5.0	mg KOH/g
Acid Value	<1.0	mg KOH/g
Bio-based Carbon Content (ASTM D6866-22)	93	%

Typical Performance in PVC at 40 PHR

	ASTM STANDARD	TYPICAL VALUE	UNIT OF MEASURE
Hardness Shore A	ASTM D2240	87	-
Tensile Strength	ASTM D638	2,900	psi
Elongation	ASTM D638	335	%
100% Modulus	ASTM D638	1,900	psi
Brittleness Temp.	ASTM D746	-32.0	°C

Packaging, Storage and Handling

Vikoflex® 4964 plasticizer is available in 55-gallon (420 lb. net) drums, and 45,000 lb. bulk tank trucks. Reference the Safety Data Sheet for appropriate storage conditions.

Shelf Life

Please contact us for details.

Environmental and Safety

Before use, please refer to the product's safety data sheet for safety and handling information.

If you have further questions do not hesitate to **reach out to your local representative.**

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