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ISO 9001-2000
REGISTERED

POLYCIZER® ESO
EPOXIDIZED SOYBEAN OIL

Polycizer ESO is a high-quality epoxidized soybean oil plasticizer designed for use in polyvinyl chloride homopolymer and copolymer resin formulations. Polycizer ESO has the following outstanding performance characteristics:

1. Exceptional compatibility with most polymer systems.
2. Excellent heat and light stabilizing characteristics.
3. Excellent resistance to extraction by solvents and water.
4. Very low order of toxicity.

Polycizer ESO meets the specification and requirements in Section 181.27 Subpart B of the Food and Drug Administration for use of Epoxidized Soybean Oil in the manufacture of food packaging materials. Polycizer ESO also has USDA sanction.

TYPICAL PROPERTIES

Molecular Weight (approximate)	1000
Specific Gravity 25/20°C	0.993
Viscosity, cstk @ 25°C	400
Total epoxide, wt. % as oxirane oxygen	7.3
Acid Number (mg KOH/g)	0.2
Iodine Number	1.0
Color (APHA)	100
Moisture, %	0.05
Refractive Index, 20°C	1.472
Flash Point (COC)	600°F
Pour Point	25°F

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