

EPOXOL® 7-4™

Epoxidized Soybean Oil

Description

EPOXOL® 7-4™ is a bio-based high oxirane epoxidized soybean oil (ESO). Our unique manufacturing process produces an exceptional ESO.

Applications

EPOXOL® 7-4™'s oxirane makes it especially suited for applications including PVC, tubing, wood wrap film, and general purpose flexible PVC products. EPOXOL® 7-4™ is also effective in applications where an acid scavenger is required, including lubricating oils, cutting oils, and halogen-containing formulations. EPOXOL® 7-4™ is also an excellent chemical intermediate for a variety of products including polymers like polyols and polyesters.

Physical Properties, Typical¹

Properties	Typical Value
Oxirane Oxygen (wt. %)	7.2
Acid Number (mg KOH/g)	0.12
Peroxide Value (meq/Kg)	5
Color (APHA)	100
Specific Gravity (25°C)	0.997
Viscosity (cps at 25°C)	400
Flash Point (COC, °F)	600
Refractive Index	1.472

Purchaser should run their own tests to determine the suitability of EPOXOL® 7-4™ for their particular applications. These are typical properties and are not to be construed as sales specifications. Please contact ACS for additional information.