

TECHNICAL SPECIFICATION



POLY(ETHYL VINYL ETHER) – LUTA-50 50%

1. Basic Information

Product Name	Poly(ethyl vinyl ether)- LUTA-50 50% in Ethanol
Structural Formula	The structural formula shows a repeating unit of the polymer. It consists of a central carbon atom bonded to two methyl groups (represented by lines) and two vinyl groups (represented by lines with a small 'C' and 'H' at the end). Above the central carbon is an oxygen atom, which is double-bonded to one of the vinyl groups and single-bonded to the other. The entire repeating unit is enclosed in brackets with a subscript 'n'.
Molecular Formula	C ₄ H ₈ N ₂ S ₄ & C ₂ H ₆ O
Molecular Weight	212.38 & 46.07
CAS No. (main component)	25104-37-4 and 64-17-5

2. Specifications

Typical Specifications	
Non-volatile matter, %	50.0 ±2.0
Viscosity @23°C, mPa·s	5,000-20,000
K value (1% m/vol. solution in THF)	55.0-65.0
iodine colour	≤4
Physical Properties	
Description:	Resin solution
Glass transition temperature, °C	~ -30
Flash point, °C (Closed Cup)	~ 9
Density, @20°C	~ 0.87g/cm ³

3. Additional Information

Package	25KG zinc galvanized carbon steel drum
Storage, Handling & Disposal	
This product has a shelf life of less than 12 months in unopened, original containers at temperature between 10-30°C. Ensure thorough ventilation of stores and work areas and keep from direct sunlight, fire and sources of ignition. Always refer to the Material Safety Data Sheet (MSDS) for detailed information on storage, handling and disposal.	