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## **Technical Data Sheet**

**MATERIAL:** Poly(2-ethyl-2-oxazoline)

CATALOG NUMBER: 927

**CAS NUMBER:** 25805-17-8

**DESCRIPTION:** Poly(2-ethyl-2-oxazoline)

FORMULA:  $(C_5H_9NO)_x$ 

**TYPICAL PROPERTIES:** 

Appearance:GranularApprox Mw:500,000Density:1.14Refractive index: $n_D^{25} 1.52$ Glass transition temp: $70^{\circ}C$ 

Solubility: Acetone, DMF, ethanol, MEK, methanol,

methylene chloride, THF, water

**GENERAL INFORMATION:** Typical application areas include hot melt and pressure-sensitive

adhesive products. Other potential applications include coatings, textile and fiberglass sizing, lubricants, plasticizer, compatibilizers and films.

**STRUCTURE:** 

$$O \longrightarrow CH_3$$

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