

6265 DEAN PARKWAY ONTARIO NY 14519 WWW.SCIPOLY.COM

Technical Data Sheet

MATERIAL: Poly(vinyl methyl ether)

CATALOG NUMBER: 899

CAS NUMBER: 9003-09-2

DESCRIPTION: Homopolymer of vinyl methyl ether, 35% solids in water

FORMULA: $(C_3H_6O)_x$

TYPICAL PROPERTIES:

 $\begin{array}{lll} \mbox{Appearance:} & \mbox{Viscous liquid} \\ \mbox{Approx Mw:} & 200,000 \ [\mbox{GPC}] \\ \mbox{Density:} & 1.05 \ (20^{\circ}\mbox{C}) \\ \mbox{Glass transition temp:} & -34^{\circ}\mbox{C} \\ \mbox{Refractive index:} & \mbox{n_D^{25} 1.47} \\ \mbox{Boiling point:} & 100^{\circ}\mbox{C} \end{array}$

Solubility: Alcohols, aromatic and chlorinated

hydrocarbons, esters, glycols, glycol

esters, water

GENERAL INFORMATION: This polymer exhibits excellent adhesion to plastics, metals and coated

surfaces. It is soluble in both water and organic solvents and finds

applications in adhesives and coatings.

STRUCTURE:

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