Surface Energy Data for Polypropylene glycol (poly(propylene oxide)), CAS # 25322-69-4

Source[a]	Mst. Type[b]	Data[c]	Comments[d]
Lee, 1967[183]	Critical ST	γ_c = 32 mJ/m^2; no temp cited	Test liquids not known.
Rastogi, 1971[245]	From polymer melt	γ_s = 30.9 mJ/m^2; 20°C	Measurement by pendant drop of polymer melt extrapolated to 20°C. M_n = 3,000.
Kasemura, 1978[283]	From polymer melt	γ_s = 31.7 mJ/m^2 (γ_s^d = 31.3, γ_s^p = 0.4); 20°C	Measurement of polymer melt extrapolated to 20°C.
Wu, 1989[273]	From polymer melt	γ_s = 31.2 mJ/m^2; 20°C	Measurement of polymer melt extrapolated to 20°C. M_n = 3,000.
Wu, 1968[182]	Calculated	γ_s = 28 mJ/m^2; 20°C	Calculated from molecular constitution.
Sewell, 1971[193]	Calculated	γ_s = 26.9 mJ/m^2; no temp cited	Calculated from parachor and cohesive energy.
Wu, 1982[18]	Calculated	γ_s = 31.6 mJ/m^2; 20°C	Calculated from cohesive energy density and solubility parameters.
Van Ness, 1992[186]	Calculated	γ_s = 33.8 mJ/m^2; 20°C	Calculated molten surface tension value, extrapolated to 20°C.