Surface Energy Data for PCP: Polychloroprene, CAS # 9010-98-4

Source[a]	Mst. Type[b]	Data[c]	Comments[d]
Crocker, 1969[111]	Critical ST	γ_c = 38 mJ/m^2; no temp cited	Test liquids not known.
Shafrin, 1975[297]	Critical ST	γ_c = 38 mJ/m^2; 20°C	Test liquids not known.
Wu, 1971[29]	From polymer melt	γ_s = 43.6 mJ/m^2 (γ_s^d = 38.7, γ_s^p = 4.9); 20°C	Measurement by pendant drop of polymer melt extrapolated to 20°C; polarity calculated from interfacial tension with PE by geometric mean equation. M_v = 30,000.
Wu, 1971[29]	From polymer melt	γ_s = 43.6 mJ/m^2 (γ_s^d = 38.9, γ_s^p = 4.7); 20°C	Measurement by pendant drop of polymer melt extrapolated to 20°C; polarity calculated from interfacial tension with PE by harmonic mean equation. M_v = 30,000.
Sewell, 1971[193]	Calculated	γ_s = 43.3 mJ/m^2; no temp cited	Calculated from parachor and cohesive energy.
Sewell, 1971[193]	Calculated	γ_s = 35.3 mJ/m^2; no temp cited	Calculated by least squares from cohesive energy and molar volume.
Wu, 1974[47]	Calculated	γ_s = 44.2 mJ/m^2; 20°C	Calculated from parachor and molecular weight.
Pritykin, 1986[199]	Calculated	γ_s = 38.4 mJ/m^2; no temp cited	Calculated from cohesion parameters and monomer refractometric characteristics, equation 1.
Pritykin, 1986[199]	Calculated	γ_s = 37.7 mJ/m^2; no temp cited	Calculated from cohesion parameters and monomer refractometric characteristics, equation 2.