

Surface Energy Data for PnBA: Poly(*n*-butyl acrylate), CAS # 9003-49-0:

Source ^(a)	Mst. Type ^(b)	Data ^(c)	Comments ^(d)
Wu, 1971 ⁽⁴¹⁾	Critical ST	$\gamma_c = 31 \text{ mJ/m}^2$; 20°C	Test liquids not known.
Kutsch, 1993 ⁽¹⁰²⁾	Critical ST	$\gamma_c = 28 \text{ mJ/m}^2$; no temp cited	Test liquids not known.
Wu, 1971 ⁽⁴¹⁾	From polymer melt	$\gamma_s = 33.7 \text{ mJ/m}^2$ ($\gamma_s^d = 30.4$, $\gamma_s^p = 3.3$); 20°C	Direct measurement of polymer melt extrapolated to 20°C; polarity calculated from interfacial tension with PE by harmonic mean. $M_n = 32,000$.
Wu, 1989 ⁽²⁷³⁾	From polymer melt	$\gamma_s = 30.7 \text{ mJ/m}^2$ ($\gamma_s^d = 26.8$, $\gamma_s^p = 3.9$); 20°C	Direct measurement of polymer melt extrapolated to 20°C.
Ahn, 1998 ⁽²⁶⁸⁾	Other	$\gamma_s = 34 \text{ mJ/m}^2$; no temp cited	Measured by contact deformation per Johnson-Kendall-Roberts method.