

PtBMA: Poly(*t*-butyl methacrylate), CAS # 25189-00-9:

Source ^(a)	Mst. Type ^(b)	Data ^(c)	Comments ^(d)
Grundke, 2005 ⁽²⁵⁵⁾ Grundke, 2005 ⁽²⁵⁵⁾	Contact angle Contact angle	$\theta_W^Y = 108.1^\circ$; no temp cited $\gamma_c = 18.1 \text{ mJ/m}^2$; no temp cited	Test liquids: Water, glycerol, ethylene glycol, formamide, and diethylene glycol; calculated by equation of state method.
Wu, 1971 ⁽²⁹⁾	From polymer melt	$\gamma_s = 30.5 \text{ mJ/m}^2$ ($\gamma_s^d = 26.2$, $\gamma_s^p = 4.3$); 20°C	Measurement by pendant drop of polymer melt extrapolated to 20°C; polarity calculated from interfacial tension with PE by geometric mean equation.
Wu, 1971 ⁽²⁹⁾	From polymer melt	$\gamma_s = 30.5 \text{ mJ/m}^2$ ($\gamma_s^d = 26.8$, $\gamma_s^p = 3.7$); 20°C	Measurement by pendant drop of polymer melt extrapolated to 20°C; polarity calculated from interfacial tension with PE by harmonic mean. $M_v = 35,000$.