

Surface Energy Data for PPS: Poly(phenylene sulfide), CAS # 26125-40-6

Source ^(a)	Mst. Type ^(b)	Data ^(c)	Comments ^(d)
Markgraf, 2005 ⁽⁶²⁾ Wang, 2003 ⁽¹⁵⁰⁾	Critical ST Contact angle	$\gamma_c = 38 \text{ mJ/m}^2$; no temp cited $\theta_w^Y = 80^\circ$; no temp cited	Test liquids not known. Test liquids: water and diiodomethane; contact angles measured after stabilizing for 3 minutes. Additive-free PPS surface cleaned with acetone.
Wang, 2003 ⁽¹⁵⁰⁾	Contact angle	$\theta_w^Y = 82^\circ$; no temp cited	Test liquids: water and diiodomethane; contact angles measured after stabilizing for 3 minutes. Glass fiber reinforced PPS surface cleaned with acetone.
Wang, 2003 ⁽¹⁵⁰⁾	Contact angle	$\theta_w^Y = 79^\circ$; no temp cited	Test liquids: water and diiodomethane; contact angles measured after stabilizing for 3 minutes. Glass fiber and mineral filler reinforced PPS surface, cleaned with acetone.
Wang, 2003 ⁽¹⁵⁰⁾	Contact angle	$\gamma_s = 49.6 \text{ mJ/m}^2$ ($\gamma_s^d = 47.5$; $\gamma_s^p = 2.2$); no temp cited	Test liquids: water and diiodomethane. Additive-free PPS surface, cleaned with acetone.
Wang, 2003 ⁽¹⁵⁰⁾	Contact angle	$\gamma_s = 43.2 \text{ mJ/m}^2$ ($\gamma_s^d = 40.5$; $\gamma_s^p = 2.7$); no temp cited	Test liquids: water and diiodomethane. Glass fibre reinforced PPS surface cleaned with acetone.
Wang, 2003 ⁽¹⁵⁰⁾	Contact angle	$\gamma_s = 47.7 \text{ mJ/m}^2$ ($\gamma_s^d = 44.1$; $\gamma_s^p = 3.6$); no temp cited	Test liquids: water and diiodomethane. Glass fibre and mineral filler reinforced PPS surface, cleaned with acetone.