

### Surface Energy Data for PSU: Polysulfone, CAS # 25135-51-7

Source <sup>(a)</sup>	Mst. Type <sup>(b)</sup>	Data <sup>(c)</sup>	Comments <sup>(d)</sup>
Markgraf, 2005 <sup>(62)</sup>	Critical ST	$\gamma_c = 41 \text{ mJ/m}^2$ ; no temp cited	Test liquids not known.
Asfardjani, 1991 <sup>(76)</sup>	Contact angle	$\theta_W^Y = 75^\circ$ ; no temp cited	
Vargha-Butler, 1985 <sup>(180)</sup>	Contact angle	$\theta_W^A = 66^\circ$ ; 20°C	
Vargha-Butler, 1985 <sup>(180)</sup>	Contact angle	$\gamma_c = 43.1 \text{ mJ/m}^2$ ; 20°C	Test liquids not known; calculated by the equation of state method.
Wu, 2003 <sup>(53)</sup>	Contact angle	$\gamma_s = 46.6 \text{ mJ/m}^2$ ( $\gamma_s^d = 30.4$ , $\gamma_s^p = 16.2$ ); 20°C	Test liquids not known.
Vargha-Butler, 1985 <sup>(180)</sup>	Calculated	$\gamma_c = 43.1 \text{ mJ/m}^2$ ; 20°C	Calculated from sedimentation volume.

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