

Surface Energy Data for PBT: Poly(butylene terephthalate), CAS # 26092-94-2

| Source ^(a) | Mst. Type ^(b) | Data ^(c) | Comments ^(d) |
|------------------------------------|--------------------------|--|--|
| Della Volpe, 1997 ⁽¹⁴⁹⁾ | Contact angle | $\theta_W^A = 84^\circ, \theta_W^R = 75^\circ, d\theta_W = 9^\circ; 25^\circ\text{C}$ | PBT filter material. |
| Della Volpe, 1997 ⁽¹⁴⁹⁾ | Contact angle | $\theta_W^A = 84^\circ, \theta_W^R = 64^\circ, d\theta_W = 20^\circ; 25^\circ\text{C}$ | Pressed PBT filter material. |
| Della Volpe, 1997 ⁽¹⁴⁹⁾ | Contact angle | $\gamma_s = 46.2 \text{ mJ/m}^2 (\gamma_s^d = 44.6; \gamma_s^p = 1.6); 25^\circ\text{C}$ | Test liquids: water, diiodomethane, and glycerol, by geometric mean equation. PBT filter material. |
| Della Volpe, 1997 ⁽¹⁴⁹⁾ | Contact angle | $\gamma_s = 46.3 \text{ mJ/m}^2 (\gamma_s^d = 39.6; \gamma_s^p = 6.7); 25^\circ\text{C}$ | Test liquids: water, diiodomethane, and glycerol, by harmonic mean equation. PBT filter material. |
| Della Volpe, 1997 ⁽¹⁴⁹⁾ | Contact angle | $\gamma_s = 45.8 \text{ mJ/m}^2 (\gamma_s^d = 44.3; \gamma_s^p = 1.5); 25^\circ\text{C}$ | Test liquids: water, diiodomethane, and glycerol, by geometric mean equation. Pressed PBT filter material. |
| Della Volpe, 1997 ⁽¹⁴⁹⁾ | Contact angle | $\gamma_s = 45.9 \text{ mJ/m}^2 (\gamma_s^d = 39.5; \gamma_s^p = 6.5); 25^\circ\text{C}$ | Test liquids: water, diiodomethane, and glycerol, by harmonic mean equation. Pressed PBT filter material. |
| Della Volpe, 1997 ⁽¹⁴⁹⁾ | Contact angle | $\gamma_s = 47.1 \text{ mJ/m}^2 (\gamma_s^{LW} = 45.8, \gamma_s^{AB} = 1.3, \gamma_s^+ = 0.8, \gamma_s^- = 0.6); 25^\circ\text{C}$ | Test liquids: water, diiodomethane, and glycerol; acid-base analysis. Pressed PBT filter material. |