

Butanol/ O_2/N_2 , $P_c=15$ bar, $\phi=1.0$

850 K

800 K

750 K

Ignition Delay, ms

100

10

- \circ *t*-Butanol
- \square *i*-Butanol
- \diamond *s*-Butanol
- \triangle *n*-Butanol

$\text{O}_2 : \text{N}_2 = 1 : 3.76$

$1000/T_c$, 1/K

1.15

1.2

1.25

1.3

1.35

1.4