```
Linear model Poly4:
fitted_curve(x) = p1*x^4 + p2*x^3 + p3*x^2 + p4*x + p5
Coefficients (with 95% confidence bounds):
p1 =  -4.335e-11  (-1.589e-10, 7.218e-11)
p2 =   3.126e-07  (-3.771e-07, 1.002e-06)
p3 =  -0.0004588  (-0.001883, 0.0009653)
p4 =     -0.7589  (-1.94, 0.4219)
p5 =        1597  (1271, 1924)

gof =

struct with fields:

sse: 3.8536e+05
rsquare: 0.9707
dfe: 66
adjrsquare: 0.9689
rmse: 76.4115
```

$$\sigma_y = -4.335 \times 10^{-11} T^4 + 3.126 \times 10^{-7} T^3 - 0.0004588 T^2 - 0.7589 T + 1597; \quad T[K], \sigma_y[MPa] \tag{1}$$

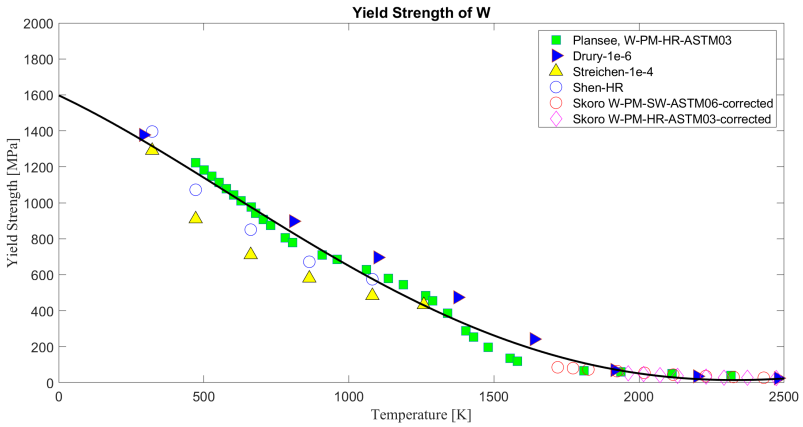

Figure 1: Tungsten thermal diffusivity.