

```

addpath('.../');
%-----
obj = PBEPoly;

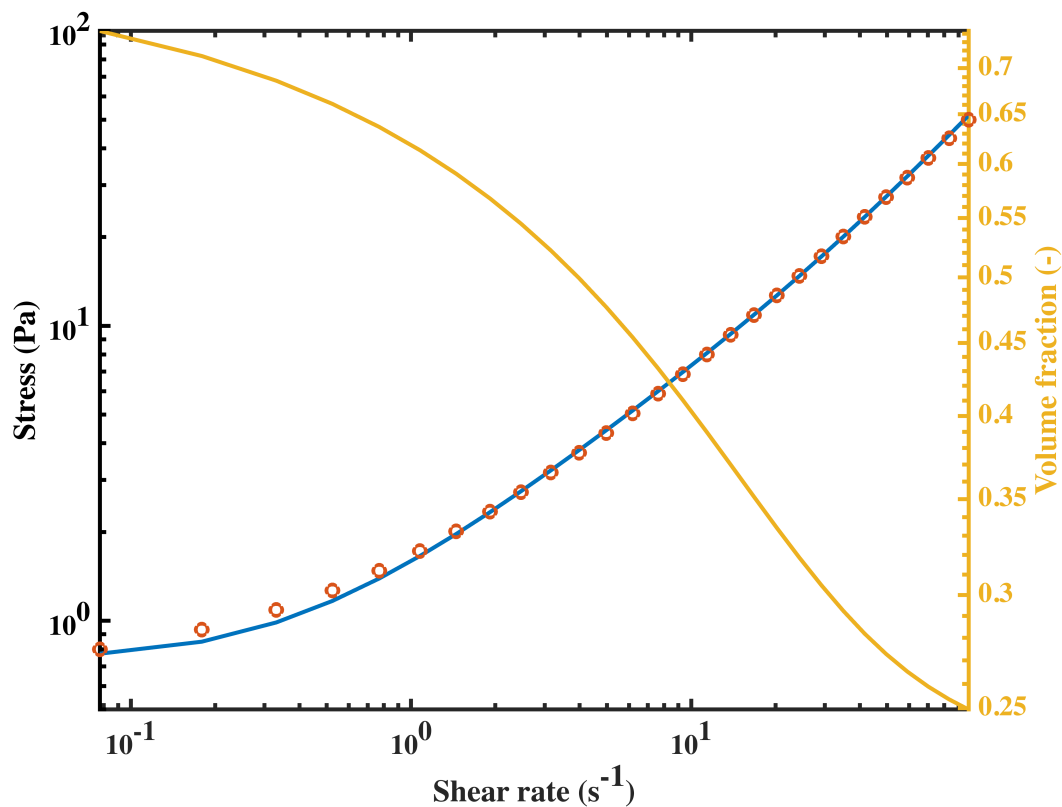
par = [20.99101415    0.606593006    0.00223603    2.22787788    ...
       0.858138915    336.6150101  36.73958518    0.795873736    0.338754722];

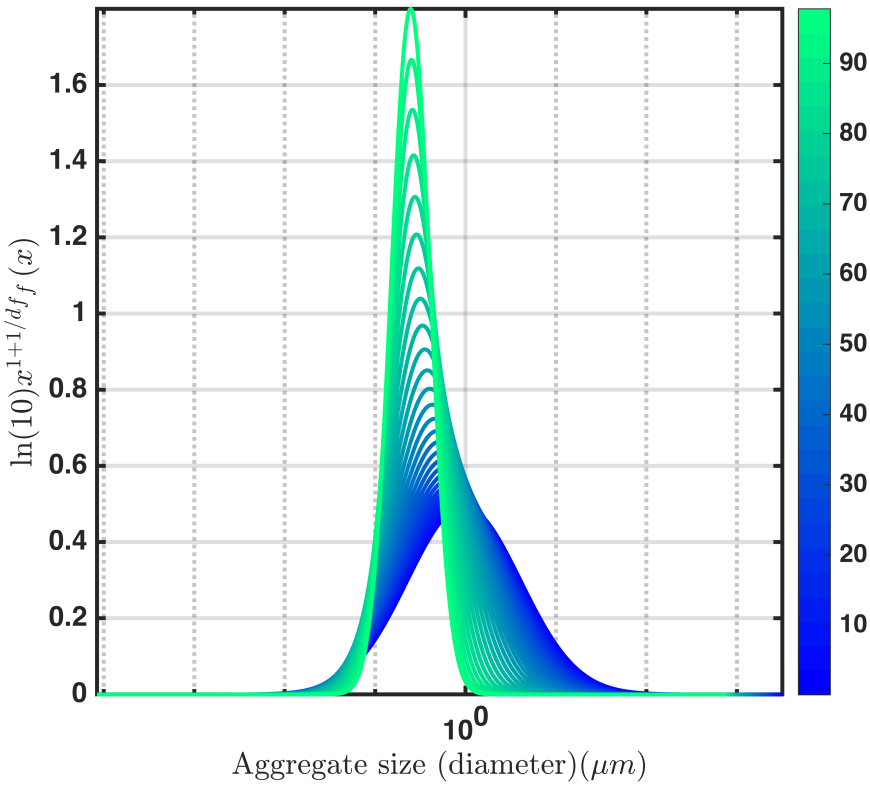
%-----
%% Loading the parameters
obj.par.W = par(1);
obj.par.alfa = par(2);
obj.par.b_0 = par(3);
obj.par.d_f = par(4);
obj.par.porosity = par(5);
obj.par.m_p = par(6);
obj.cnst.G_0 = par(7);
obj.cnst.sigma_y0 = par(8);
obj.cnst.mu_s = par(9);
obj.par.kh = 0.1;
obj.par.p = 4;

%-----
%% Performing calculations
loadExperimentalData;

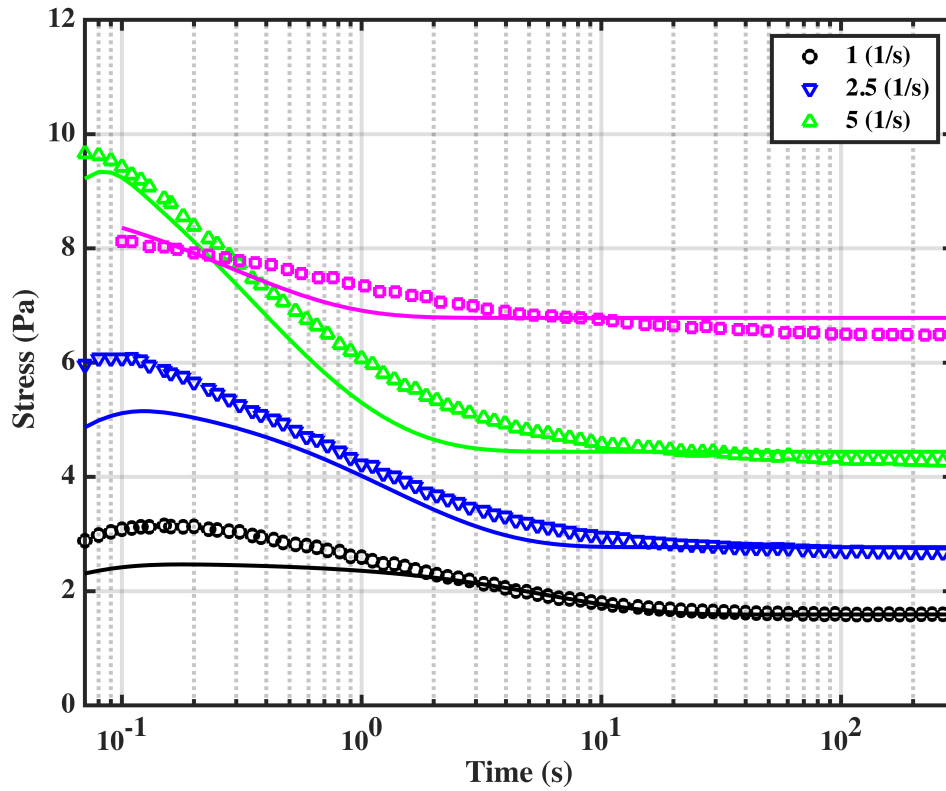
WeietaSteadyShear; % Plot Fit

```





```
WeietalStepDownTransient; % Plot Fits
```



```
% writeDataToOrigin
```

```
%% Error calculation
```

```
WeietalErrorCalculation;
```

```
Steady state error = 0.006592
```

```
Transient step shear error = 0.309268
```

```
Total error = 0.315860
```