

```

#include "udf.h"
DEFINE_PROPERTY(MKM,c,t)
{
real a = 0.0;
real b = 4.71;
real cn = 2.87;
real Hc = 0.4700;
real beta = 0.025;
real lambda = 0.2;
real muplasma = 0.00123;
real nu = 0.13400;
real nug = 2;
real mublood,n,nst,ninf, gammadash;
real gamma = C_STRAIN_RATE_MAG(c,t);
gammadash = 1+(pow(lambda*gamma,nug));
nst = beta*pow(gammadash,nu);
ninf = a+(b*exp(-cn*Hc));
n = ninf+nst;
mublood = muplasma*(pow((1-(Hc/0.9600)),-n));
return mublood;
}

```