ESTIMATING ONE PROPERTY FOR MULTIPLE MATERIALS

Step 1: Repeat Steps 1-11 for one material
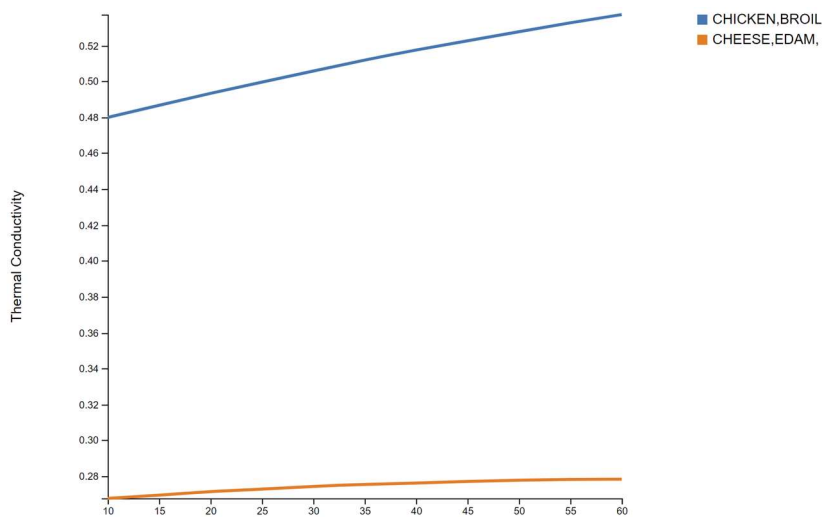
Step 2: Repeat Steps 1-11 for the second material, entering information in the following column as below

Material	CHICKEN,BROILER,ROT	CHEESE,EDAM
Y-Axis	Thermal Conductivity	Thermal Conductivity
X-Axis	Temperature in C	
X-Axis start value	10	
X-Axis end value	60	
Formula	K_PARALLEL : K_WAT	K_SERIES : 1/(((WATE

Step 3: Repeat for up to five material-formula combinations.

Step 4: Step 12: Click on "Chart Biomaterial Formula" to plot.

Step 5: You should see a plot like this below:

Step 1: Repeat Steps 1-11 for a material

Step 2: Repeat Steps 1-11 for the same material, entering information in the following column as below. Starting from "Y-axis," entries will be different except for "X-axis" that has to stay the same.

	Material 1	Material 2
Material	CHICKEN,BROILER,RC	CHEESE,BLUE
Y-Axis	Thermal Conductivity	Density
X-Axis	Temperature in C	
X-Axis start value	10	
X-Axis end value	20	
Formula	K_PARALLEL : K_WA	RHO_MIX : 1/(((WAT
☐ Measured Data		--select--

Step 3: Repeat for up to five materials.

Step 4: Step 12: Click on "Chart Biomaterial Formula" to plot

Step 5: You should see a plot like this below: