

#Instrument #LFA\_447  
 #Identity 242r0102 05.08.30  
 #Date 8:30/2005  
 #Material supertherm  
 #Ref\_temperature /°C 25  
 #Ref\_density ((g/cm^3)) 1.69  
**#Sample supertherm**  
 #Type #Single\_layer  
 #Thickness\_RT/mm 0.606  
 #Diameter/mm 12.7  
 #Sensor InSb  
 #Operator noc  
 #Remark\_mment vtech  
 #Cp\_table supertherm  
 #Expansion\_table dl\_const

##Results

Shot_number	Temperature/°C	Diffusivity/(mm^2/s)	Conductivity/(W/(m*K))	Cp/(J/g/K)
1	24.9	0.305	0.560	1.099
2	24.9	0.305	0.560	1.075
3	24.9	0.303	0.556	1.100
4	24.9	0.305	0.562	1.096
5	24.9	0.304	0.557	1.075
6	24.9	0.304	0.558	1.072
7	25.0	0.306	0.562	1.091
<b>Mean</b>	<b>24.9</b>	<b>0.304</b>	<b>0.559</b>	<b>1.087</b>
Std_Dev		0.0012	0.0022	0.0123