



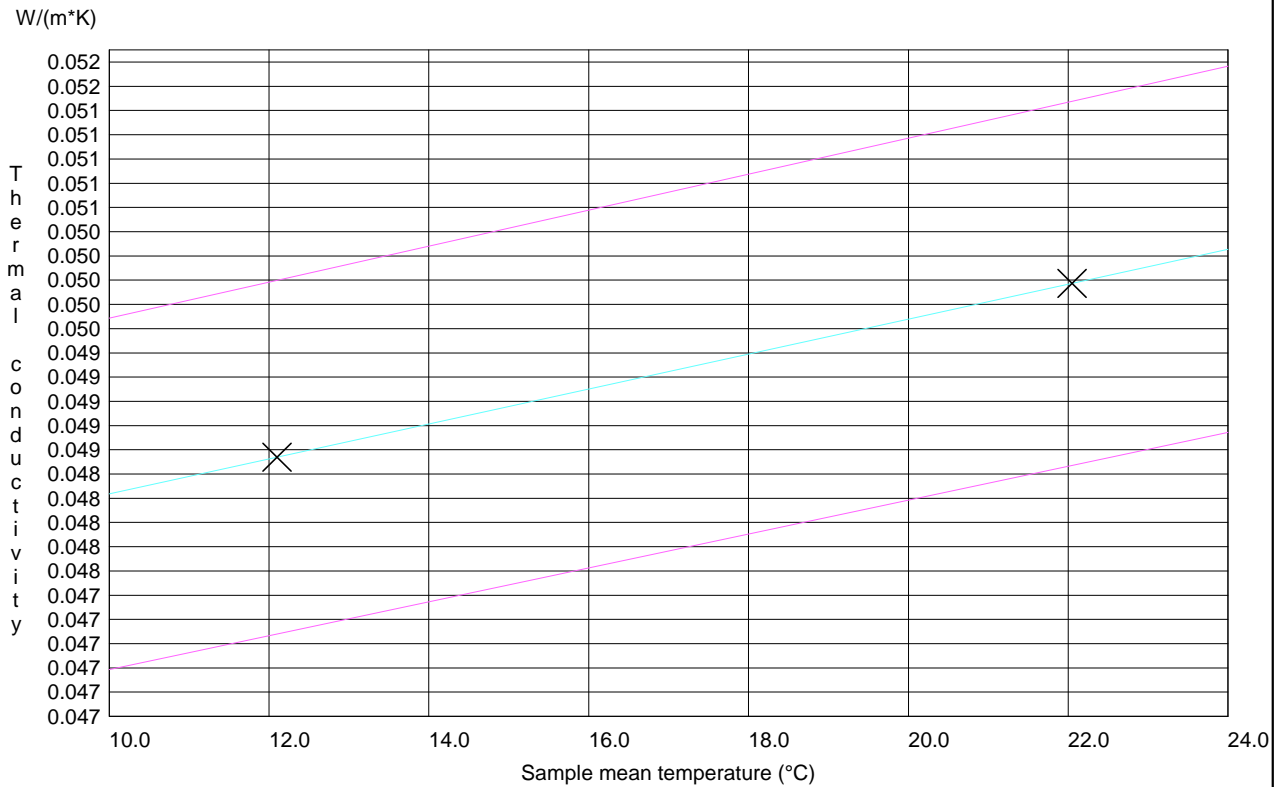
MEASURING THERMAL CONDUCTIVITY

Report No.: 9713221461A

Sample Thickness : 10.72 mm
 חומר בידוד

Material
Dimension sample 149*146.5*10.77 mm
Dimension sample 144.5*149.5* 10.68 mm
Test date 30/8/2017
Test with TLP 300-DTX, Two-plate measurement
Remarks
Software-version Lambda V.2012, Two-plate

Measuring No.	Heating power (W)	Temperature cold sample surface (°C)	Temperature warm sample surface (°C)	Temperature-difference on sample (K)	Sample mean temperature (°C)	Thermal conductivity (W/m*K)
1	0.966	6.8	17.4	10.6	12.1	0.0486
2	0.994	16.7	27.4	10.6	22.0	0.0501



Lambda (10°C) = (0.048 +/-0.001) W/(m*K) Lambda = 0.04689 + 0.000144 * MT W/(m*K)

Result +/- expanded uncertainty (factor 2) λ_z = W/(m*K)

, 05.09.2017

Yaakov avni

Section thermal conductivity