

OPTOLINQ GT-W170MG

Properties

OPTOLINQ GT-W170MG

Property List

- Reflectance
- TMA
- DSC
- Viscosity
- Dielectric

Strength

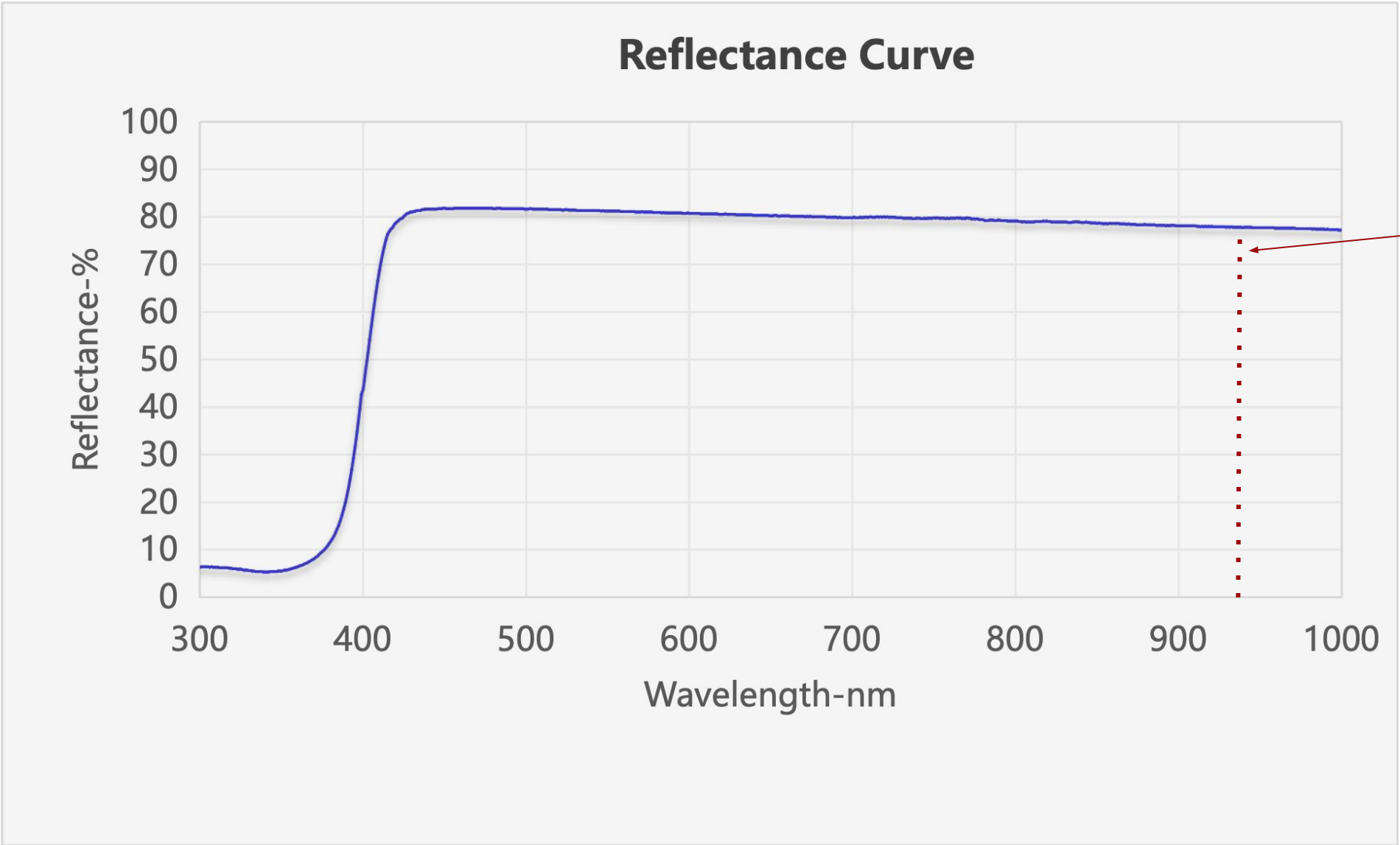
and

Measurement

chart
Curve
Curve
Curve
Standard

OPTOLINQ GT-W170MG

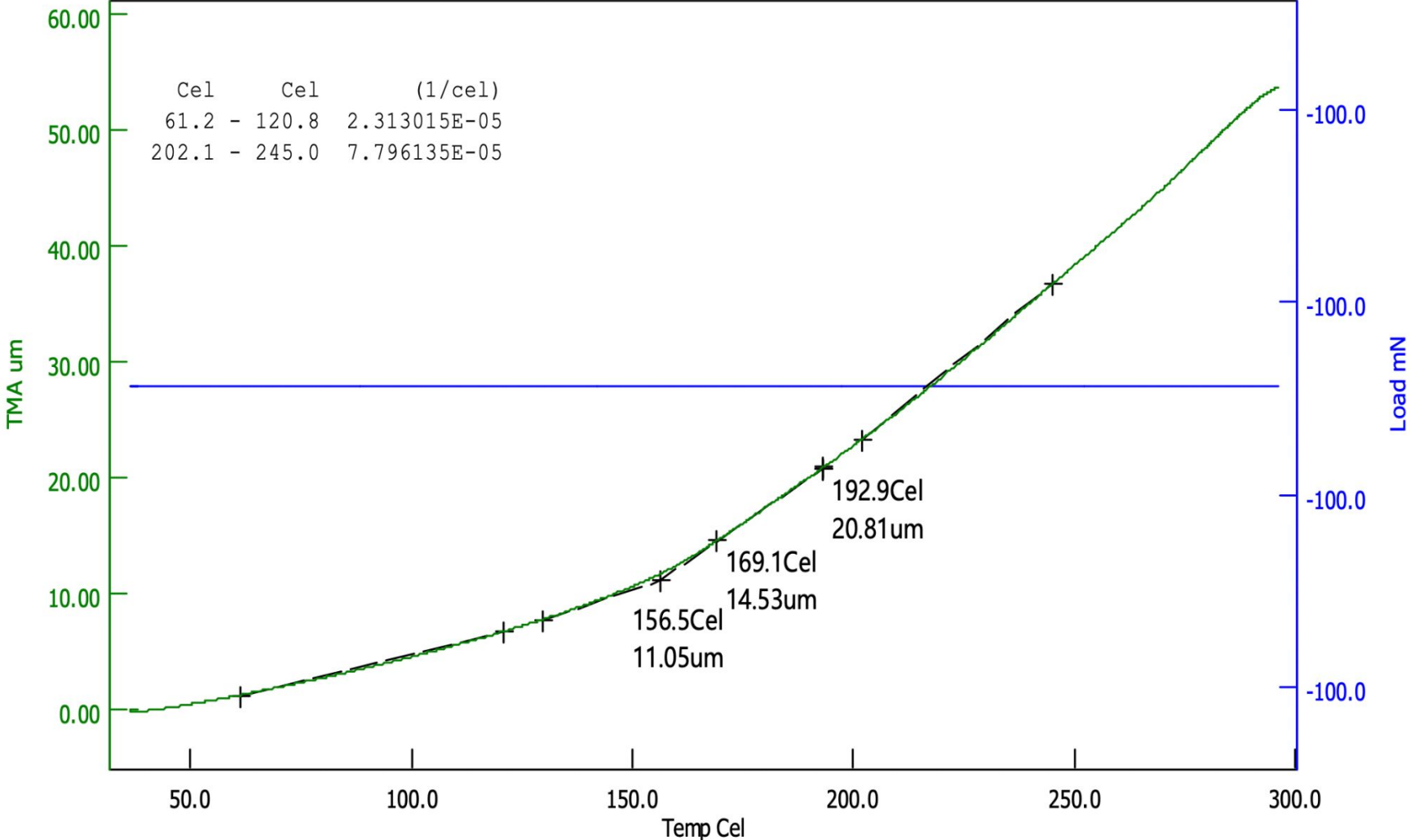
Reflectance



Reflectance at 940 nm
77.9%

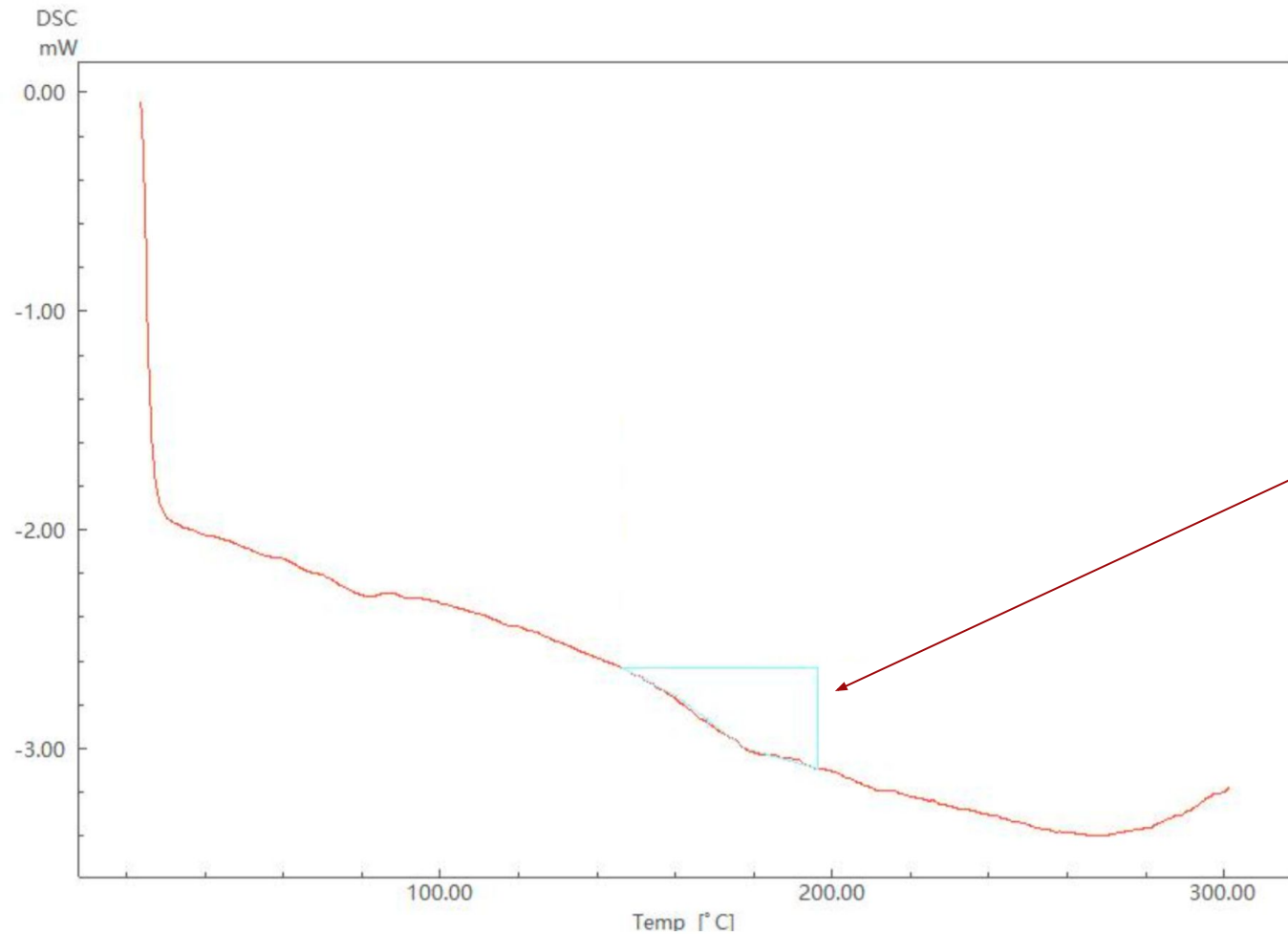
OPTOLINQ GT-W170MG

TMA Curve



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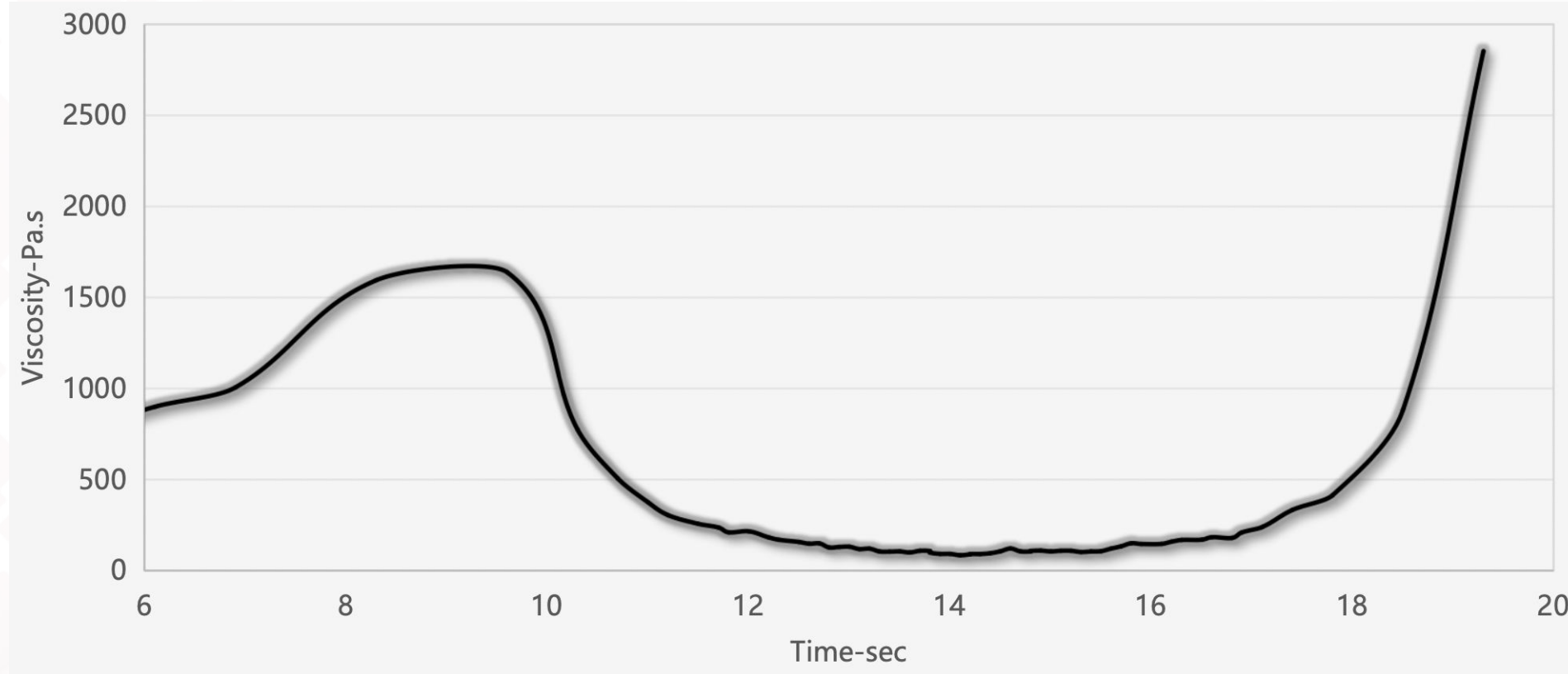
DSC Curve



Starting Point 160.65 °C
End Point 178.04 °C
Transition -0.46 mW/ -0.01 mW/mg
Midpoint 14.61 min/ 168.32 °C

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Viscosity Curve at 175 °C



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Dielectric Strength

Test Method GB/T 1408.1-2016

Sample No.	Thickness [mm]	Breakdown Voltage [kV]	Dielectric Strength [kV/mm]
1	1.09	21.71	19.92
2	1.07	20.89	19.52
3	1.10	21.32	19.38
4	1.06	21.50	20.28
5	1.08	21.45	19.86
Average	/	21.45	19.86



Before testing

During testing

After testing

OPTOLINQ GT-W170MG

Internal UL Test Results

Sample	GT-W170MG
Sample Thickness	1/8 in
Test Method	Vertical Flame Test/ UL94-2003 Rev. 12-2021 No. 8
Treatment Condition	23±2 °C, 50±5% RH, 48 h

Sample no.	1	2	3	4	5
Afterflame time after the first flame application(s), t1	0.0	0.0	0.0	0.0	0.0
Afterflame time after the second name application(s), t2	3.9	8.4	5.4	4.8	2.0
Afterglow time after the second name application(s), t3	0.3	0.3	0.3	0.3	0.8
Total a ftername time for any condition set(s), t1 + t2			19.1		
Afterflame plus afterglow time for each Individual specimen after the second name application (s), t2 + t3	4.2	8.7	5.7	5.1	2.8
Afterflame or afterglow of any specimen up to the holding clamp	No	No	No	No	No
Cotton indicator ignited by naming particles or drops	No	No	No	No	No
UL Level			V0		

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