Comparison of pure binders

***CeTePox*® 1537 H**

compared to

***CeTePox*® 1537-01 H** (no salicylic acid)

As individual as you are.

	CeTePox® 1537 H	*CeTePox*® 1537-01 H
Viscosity of pure hadener DIN EN ISO 3219 25 °C appr. [mPas]	209	175
Recommended Quantity of Hardener [g] 1)	50	50
Mixing viscosity DIN EN ISO 3219 25 °C appr. [mPas] 1)	496	438
Temp. Increase 23 °C → 40 °C appr. [min] 2)	16	22
Maximum Temperature, T_{max} [°C] 2)	188	186
Temp. Increase 23 °C → T_{max} appr. [min] 2)	31	38

1) with 100 g CeTePox® 245 R **2) 100 ml mixture (insulated beaker)**

Shore D hardness development of pure binder

CeTePox® 1537 H

compared to

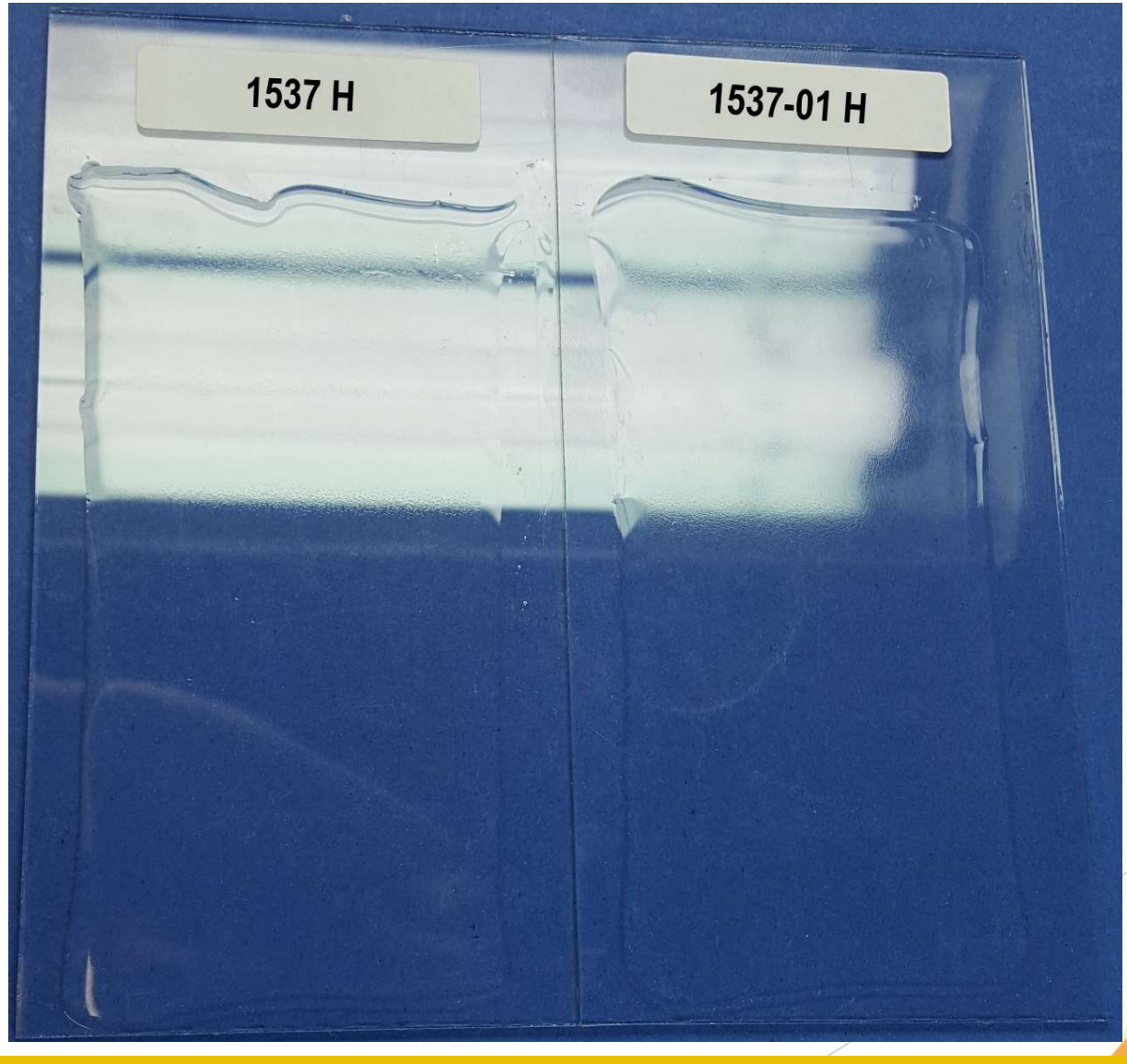
CeTePox® 1537-01 H (no salicylic acid)

As individual as you are.

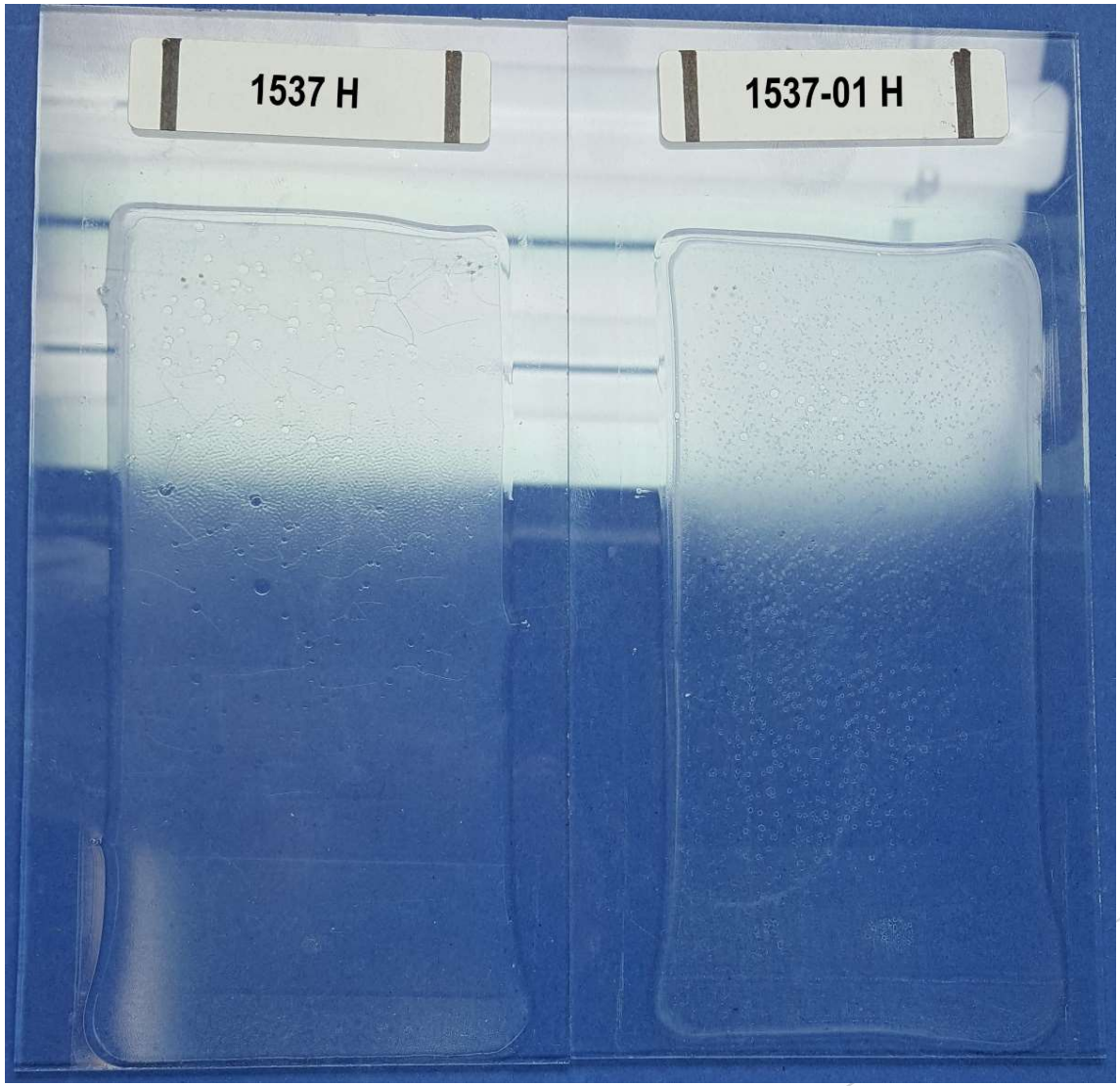
	CeTePox® 1537 H	*CeTePox*® 1537-01 H
Shore-D hardness @RT/8°C after 18 hours	58 / n.m. [3)]	64 / n.m. [3)]
Shore-D hardness @RT/8°C after 24 hours	64 / <10	69 / <10
Shore-D hardness @RT/8°C after 48 hours	72 / 32	77 / 39
Shore-D hardness @RT/8°C after 7 days	76 / 62	76 / 67
Glass transition temperature of completely cured system	64 °C	64 °C

with CeTePox® 245 R **3) not measurable**

Comparison of 400 µm Films at room temperature



Comparison of 400 µm Films at 8 °C



Shore D hardness development of filled system

***CeTePox*® 1537 H**

compared to

***CeTePox*® 1537-01 H** (no salicylic acid)

As individual as you are.

	CeTePox® 1537 H	*CeTePox*® 1537-01 H
Shore-D hardness @RT/8°C after 18 hours	60 / n.m. [3)]	69 / n.m. [3)]
Shore-D hardness @RT/8°C after 24 hours	65 / 12	73 / 11
Shore-D hardness @RT/8°C after 72 hours	75 / 49	81 / 58
Shore-D hardness @RT/8°C after 7 days	81 / 65	84 / 73

with RR 1.04.021

3) not measurable

Comparison of Films at room temperature

Comparison of Films at 8 °C

Thanks for your attention!