

Test report

R&G Epoxidharz L + R&G Härter_{LT} , Lot: not tempered 05.09.2024

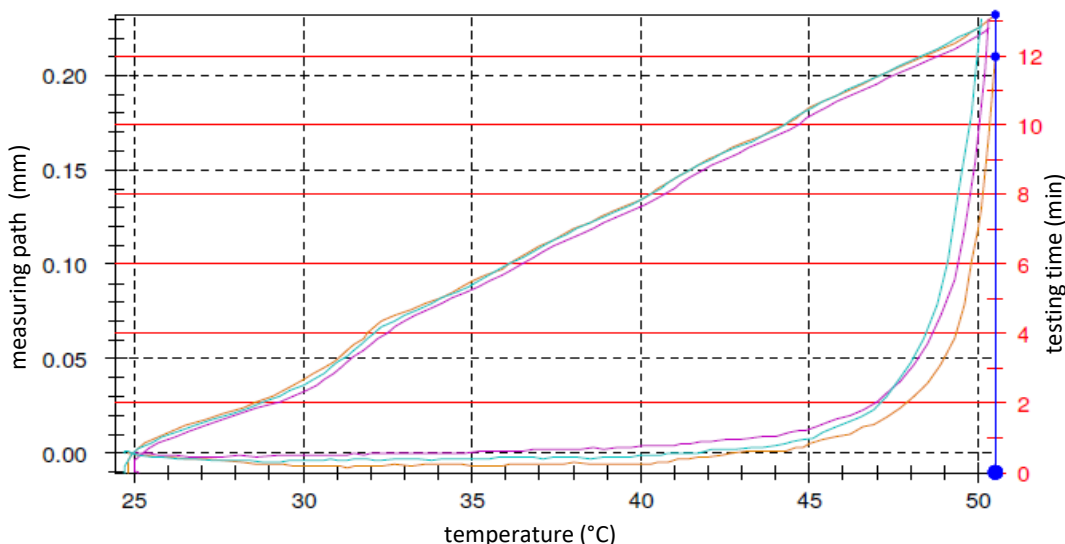
heat deflection temperature

Test standard: HDT A ($T_{f1,8}$) (DIN EN ISO 75-1/-2) (2013-08)
 Test lab: polymerphys IK GmbH
 Industriepark Hoechst - G 830
 65926 Frankfurt am Main
 Germany
 www.polymerphysik.de

Sample_ID: LID_123786
 Operator: Schubенок
 Customer: R&G Faserverbundwerkstoffe GmbH
 Accreditation: yes, acc. DIN EN ISO/IEC 17025 (D-PL-19134-01-00)
 Method: HDT A ($T_{f1,8}$)
 Sample Identification: Type: R&G Epoxidharz L + R&G Härter LT , Lot: not tempered
 Type of test specimen: Type B3 ISO 20753
 Comment: Mechanical processing of the test specimens by testing laboratory
 Machine data: Zwick HDT/Vicat A, Location: IP Hoechst, Build.: G830, Room E05
 Heat transfer fluid: Xiameter PMX-200 Silicone Fluid 50CS
 Conditioning: > 24h 23°C/50% rel. H. ISO 291 Kl. 2
 Starting temperature: 25°C
 Waiting time after appl. Load: 5 min
 Gradient of temperature: 120 K/h
 Max. temperature: 200°C

HDT A (ISO 75-1/-2) Nr.	h mm	b mm	L mm	Load g	Target defl. mm	VST/HDT °C
1 (1.1.4)	6,52	10,02	64,00	814	0,21	50,50
2 (1.1.5)	5,92	10,08	64,00	675	0,23	50,30
3 (1.1.6)	6,00	10,00	64,00	688	0,23	50,10

HDT A (ISO 75-1/-2) n=3	h mm	b mm	L mm	Load g	Target defl. mm	VST/HDT °C
\bar{x}	6,15	10,03	64,00	726	0,22	50,30
s	0,33	0,04	0,00	77	0,01	0,20



h= depth, b = width, L = support distance

Test report

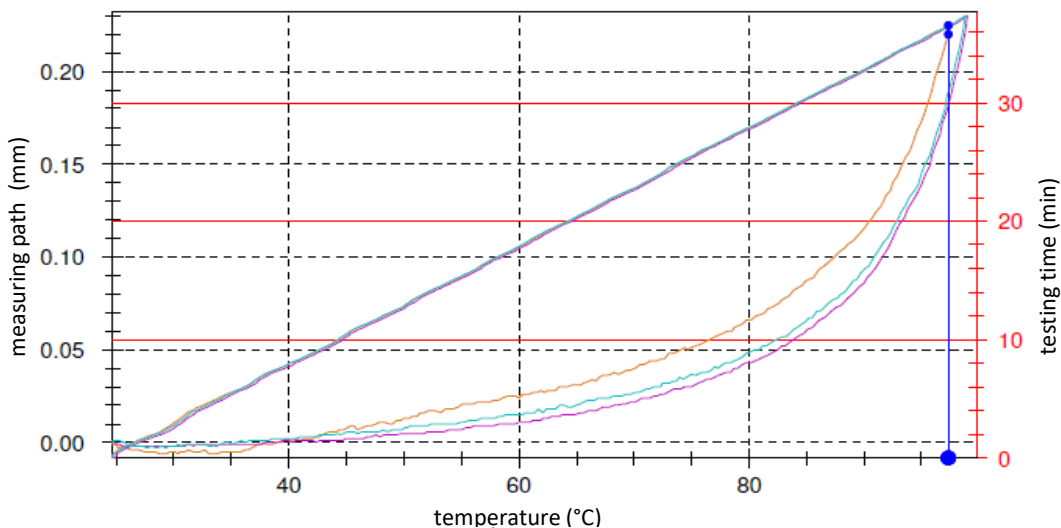
R&G Epoxidharz L + R&G Härter LT ,
Lot: tempered (23°C to 130°C with 10K/h+3h hold @ 130°C konst.

heat deflection temperature

Test standard: HDT A ($T_{f1,8}$) (DIN EN ISO 75-1/-2) (2013-08)
 Test lab: polymerphys IK GmbH
 Industriepark Hoechst - G 830
 65926 Frankfurt am Main
 Germany
 www.polymerphysik.de
 Sample_ID: LID_123787
 Operator: Schubenoek
 Customer: R&G Faserverbundwerkstoffe GmbH
 Accreditation: yes, acc. DIN EN ISO/IEC 17025 (D-PL-19134-01-00)
 Method: HDT A ($T_{f1,8}$)
 Sample Identification: Type: R&G Epoxidharz L + R&G Härter LT ,
 Lot: tempered (23°C to 130°C with 10K/h+3h hold @ 130°C konst.
 Type of test specimen: Type B3 ISO 20753
 Comment: Mechanical processing of the test specimens by testing laboratory
 Machine data: Zwick HDT/Vicat A, Location: IP Hoechst, Build.: G830, Room E05
 Heat transfer fluid: Xiameter PMX-200 Silicone Fluid 50CS
 Conditioning: > 24h 23°C/50% rel. H. ISO 291 Kl. 2
 Starting temperature: 25°C
 Waiting time after appl. Load: 5 min
 Gradient of temperature: 120 K/h
 Max. temperature: 200°C

HDT A (ISO 75-1/-2) Nr.	h mm	b mm	L mm	Load g	Target defl. mm	VST/HDT °C
1 (1.1.4)	6,31	9,93	64,00	756	0,22	97,30
2 (1.1.5)	5,86	9,90	64,00	650	0,23	99,00
3 (1.1.6)	6,05	9,99	64,00	699	0,23	98,80

HDT A (ISO 75-1/-2) n=3	h mm	b mm	L mm	Load g	Target defl. mm	VST/HDT °C
\bar{x}	6,07	9,94	64,00	702	0,23	98,37
s	0,23	0,05	0,00	53	0,01	0,93



h= depth, b = width, L = support distance