

## JLMJ CONSULTING

NACE # 18375

Subject: Heat Tests on H<sub>2</sub>Poxy-A

Filling Date: 04/03/2020

- 745 hours Temp of steel substrate 56 degrees Fahrenheit
- 800 hours shock test temp raised to 130 degrees Fahrenheit held for a hour
- 900 hours shock test temp raised to 169 degrees Fahrenheit held for a hour
- 1005 hours shock test temp raised to 180 degrees Fahrenheit held for a hour
- 1100 hours shock test temp raised to 190 degrees Fahrenheit held for a hour
- 1200 hours temp raised to 195 degrees Fahrenheit held for a hour
- 1300 hours temp raised to 205 degrees Fahrenheit held for a hour
- 1400 hours shock test temp raised to 220 degrees Fahrenheit held for a hour
- 1500 hours temp raised to 225 degrees Fahrenheit held for a hour
- 1600 hours temp raised to 230 degrees Fahrenheit held for a hour there was no discoloring of cream color

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Subject: Heat Tests on H<sub>2</sub>Poxy-A

Filling Date: 04/03/2020

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Test started again 4/5/2020

- 800 hours start temp steel substrate 59 degrees Fahrenheit
- 805 hours shock test temp raised to 160 degrees Fahrenheit
- 810 hours shock test temp raised to 200 degrees Fahrenheit
- 820 shock test temp raised to 230 held for 40 minutes
- 900 hours shock test temp raised to 240 held for a hour
- 1000 hours shock test temp raised to 250 degrees Fahrenheit held for a hour
- 1100 hours shock test temp raised to 270 degrees Fahrenheit held for a hour
- 1200 hours shock test temp raised to 300 degrees Fahrenheit held for a hour
- 1300 hours shock test temp raised to 325 degrees Fahrenheit held for a hour  
no discoloring no powder from scrap test soft test pass no softing of coating
- 1400 hours shock test temp raised to 350 degrees Fahrenheit held for a hour
- 1500 hours shock test temp raised to 390 degrees Fahrenheit held for a hour  
slight color change, no softening, no powder from coating
- 1600 hours shock test temp raised to 410 to 412 degrees Fahrenheit held for  
30 minutes a light browning accrued no powder from scrap test and no  
delimitation.

Pull test was taken

Pull was 619 lbs /4mpal

Top temp 416

John Leroy Mack Jr.

NACE # 18375

A handwritten signature in black ink, appearing to read "John Leroy Mack Jr.", written in a cursive style.