



## Element Quote QUO-000770426-0

**Prepared for:** City of Anthony  
124 S Bluff St.  
**Address:** Anthony, KS 67003  
United States of America  
**Attention of:** Gary Taylor  
**Email Address:** gwtaylor.ku66@gmail.com  
**Telephone:** 316-323-5621  
**Subject:** PVC Pipe Analysis  
**Proposal Date:** 21st Nov 2025  
**Submitted by:** Brad Loeschmann

**WWW.ELEMENT.COM**



## QUOTE OVERVIEW

<b>Quote #:</b>	QUO-000770426-0
<b>Valid Until:</b>	Quote valid to 21st Dec 2025
<b>Element Location:</b>	Element New Berlin
<b>Send samples to:</b>	3200 South 166th Street New Berlin 53151 United States of America

## TESTING SPECIFICS

### Samples can be sent to:

Element Materials Technology  
ATTN: Brad Loeschmann  
3200 South 166<sup>th</sup> St.  
New Berlin, WI 53151

### Sample Details:

- PVC Pipe; approx. diameter 16"
- Customer to provide 4 to 6 feet of "known good" sample

### Test Details:

- FTIR, comparing oxidation at three locations
- DMA, comparing modulus at two locations
- Crush/compression test

### Lead-Times:

- The cost for this project, at Standard Lead time, of 15 to 20 business days, will be \$8,270.

## PRICING SUMMARY

Line #	Service	Description	Total Amount
1	Saw Cutting - Attended	Cutting and sectioning of the part for testing and evaluation.	
2	Fourier Transform Infrared (FTIR) Spectroscopy	These results will provide qualitative data regarding the identity of the major organic ingredients, including the base resin, along with possible contamination.	
• Three (3) specimens for interior, core, and exterior locations			
4	Dynamic Mechanical Analysis (DMA)	The sample material will be analyzed using dynamic mechanical analysis (DMA). DMA is a thermal analysis technique that measures the mechanical response of a material as a function of time, frequency, or temperature. A specimen is placed under a minor, generally sinusoidal oscillation through either a controlled level of stress or strain. Information obtained via DMA analysis includes determination of the range in storage and loss modulii, as well as the glass transition temperature or softening point.	
• Two (2) sample sets; run in triplicate for each set, at interior and exterior locations of the PVC pipe			
5	Compression Testing - Ambient Plastic Crush test for one (1) pipe sample. In general accordance with ASTM F442.		
6	Polymer Engineering	Analysis and interpretation of the results along with preparation of a digital report.	
			Net Total \$8,270.00

## COMMENTS

*A revision fee of \$300 for changes to a final report, not associated with Element error, will be applied; the revised report will be subject to Element's normal report review and approval process.*

*For any additional consultative / interpretation needs post report delivery, a charge of \$330.00 per hour will be applied in ½ hour increments, as utilized.*

## TERMS AND CONDITIONS

Upon receipt of your Purchase Order, which indicates your acceptance of this proposal, the only applicable Terms and Conditions are the general terms and conditions of sale and performance of testing services by the relevant Element group Company.

Any other Terms and Conditions are expressly excluded unless accepted by an officer of Element through a written confirmation. In no event shall Element be liable for any consequential, special or indirect loss or any damages above the cost of the work.

This document is the property of Element. All copyrights are reserved. The information delivered with this proposal shall not be disclosed outside City of Anthony, duplicated, altered, used, or disclosed in whole or in part for any purposes other than to evaluate the proposal, unless a contract in full is awarded to Element.

These restrictions do not limit rights to use information if such data is obtained from another source without breach of these provisions and provided that City of Anthony claiming the right to use the information proves these facts.

Element Element Materials Technology New Berlin, Inc. standard terms and conditions will apply to this agreement which can be found on our website:

<https://www.element.com/terms/terms-and-conditions>

## TRADE COMPLIANCE QUESTIONNAIRE (TCQ)

A Trade Compliance Questionnaire ([Trade Compliance Questionnaire Rev 17.pdf](#)) must be submitted and reviewed before any work can begin for all non-US-based customers, the questionnaire is optional to complete for US-based customers. This questionnaire will be provided as a separate PDF document along with your quote.

## CONCLUSION

Thank you for considering New Berlin for your testing needs. We trust that our quote meets your expectations and requirements. Should you have any questions, please contact me at your convenience. We look forward to your feedback.

Sincerely,

Brad Loeschmann

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