FINAL REPORT

Testing Program

Prepared for:

Cicoil, LLC

For the attention of:

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November 23, 2020

Reference: F44530AH-000ZC

Purchase Order: E1334

SMITHERS
425 West Market Street
Akron, Ohio 44303 USA
(330) 762 7441

www.smithers.com
Materials Science and Engineering Division
Smithers MSE Inc.

SUBJECT: The above mentioned firm submitted (1) sample for testing identified as

- Flexx-Sil 700-70

TESTING: Low Temperature Brittle Point ASTM D2137

APPROVED BY:
Jeff Wible
Test Engineer
Smithers MSE Inc.
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REVIEWED BY:
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JW/eec

SUMMARY OF TEST CONDITIONS

PHYSICAL TESTING:

Low Temperature Brittle Point ASTM D2137

- **Date of testing: 11/21/2020**
- **Specimen type: Modified T-50**
- **Nominal thickness: 0.079”**
- **Number of specimens: 5/ Impact**
- **Test method: A**
- **Heat-transfer medium: Ethyl Alcohol C 200**
- **Specimen conditioning: > 16h @ STH, 3 min. @ test temperature**

RESULTS:

Sample ID	Brittleness Temperature
Flexx-Sil 700-70	<-104°C*

***Brittleness temperature exceeds equipment capability.**