

FINAL REPORT

Testing Program

Prepared for:

Cicoil, LLC

For the attention of:

Olivia Kooner
24960 Avenue Tibbits
Valencia, CA 91355-3428

November 23, 2020

Reference: F44530AH-000ZC

Purchase Order: E1334

Page 1 of 3

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.
Akron Laboratories



REVIEWED BY:
Jeff Marek
Test Engineer / Lab Supervisor
Smithers MSE Inc.
Akron Laboratories

JW/eec

The information herein is privileged and intended only for the use of addressee. If you have received this communication in error, please notify us immediately and you are hereby notified that copying or distribution of this communication is prohibited. The results reported herein relate solely to the materials tested and the methods described herein. This test report shall not be reproduced, except in full, without approval of Smithers MSE, Inc. If there are to be any corrections to this report, they will be made in a supplemental report indicated by a revision date. Uncertainty budgets are available upon request, where applicable

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.