



CRT LABORATORIES, INC.

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ASTM Physical & Mechanical • Chemical-Thermal Analysis • IAPMO Cell Class
Geosynthetic Materials • Plumbing & Faucet Assemblies • Resin & Finished Product Testing

ISO 9001:2000



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TEST REPORT

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FOR: Everkem Diversified Products
5180 Indiana Avenue
Winston-Salem, NC 27106
Tel: (800) 638-3160 / Fax: (336) 661-7969
ATTN: Mr. Jason C. Lynch

LWR NO.: 18594 DATE: April 11, 2011

BACKGROUND:

The client submitted one (1) sample of EZ Pull Wiring Pulling Lubricant Gel for testing. The sample arrived on 03/30/2011 via customer-supplied courier. Visual inspection was performed on 03/30/2011 and no product defects were noted. Testing in accordance with customer-supplied purchase order number 33011 (C.C....2008) received on 03/31/2011. The following additional information is provided:

CRT order entry log date: 04/01/2011 / **Report due date:** 04/13/2011

Sample ID: EZ Pull Wiring Pulling Lubricant Gel

PREPARATION:

Conditioning – ASTM D 618, 40 hours in a standard laboratory environment
2-Roll Milling / Compression Molding – CRT methods / ASTM D 4703 (HDPE)

Machining & Preparation – CRT Methods

TEST PROCEDURES:

ASTM D 1693-08 *Standard Test Method for Environmental Stress-Cracking of Ethylene Plastics (Condition A using client solution)*

Exposure condition –Condition-A, 48h @ 50°C with 100% testing solution.

TEST RESULTS:

ENVIRONMENTAL STRESS CRACKING RESISTANCE (E.S.C.R.)

Ten (10) specimens from a 0.125" thickness HDPE plaque were machined. The specimens were slit using the nicking jig and blade described in this test method. Specimens were stressed by bending each and dropping into its respective holing jig. The specimen holder was put into a large test tube assembly containing clients' EZ Pull Wiring Pulling Lubricant Gel solution. The test assembly, including a large test tube of the test solution was placed in a 50°C temperature bath and exposed in 100% concentration for a period of 48h. The specimens were inspected twice daily through the glass containers. Upon completion, each specimen was wiped clean and visually inspected for any cracking, splitting, or other defects. None (0) specimens were affected and no evidence of degradation was noted.

CONCLUSION:

No conformance data was submitted for the modified version of this method. Therefore, the observations recorded are for customer information only.

Specimen Retain Bin: R&D Lab (30-day retain only unless otherwise specified)

CRT LABORATORIES, INC.

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