



CLIENT: Renewed Materials, LLC
PO Boxx 55
Cabin John, MD 20818-0055

Attn: Gabriele Zamora

Test Report No: 654:026659-1

Date: October 26, 2009

SUBJECT: ASTM D256-06a Standard Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics.

REFERENCE: Letter

SAMPLE ID: Samples, identified by the client as “**Alkemi**” were received on 9/15/09 in good condition.

PROCEDURE: The samples were evaluated in accordance with ASTM D256-06a for impact resistance. No revisions to this report are allowed after 90 days of the report date.

TEST DATE: 10/22/09

RESULTS: Results can be found on the following pages.

CERTIFICATION: The tests reported here were conducted under the continuous direct supervision of SGS U.S. Testing Company Inc., Tulsa, OK.

**SIGNED FOR AND ON BEHALF OF
SGS U.S. TESTING COMPANY INC.**


Jarred L. Johnson
Materials Department Technician


S. Scott Parkhurst
Branch Technical Manager

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Test Results

Method: A
 Specimen Type: Standard, Notched
 Conditioning: Min. 40 hours, 23° ± 2°C; 50 ± 5% RH
 Pendulum Capacity: 1.020 lbf
 Test Temperature, C°: 22°
 Test Humidity: 47%

Specimen	Notch With, in.	Depth Under Notch, in.	Breaking Energy, ft-lb	Impact Resistance, ft-lb/in.	Type of Break
1	0.505	0.397	0.311	0.62	Complete
2	0.506	0.402	0.285	0.56	Complete
3	0.506	.0400	0.478	0.94	Complete
4	0.506	0.402	0.277	0.55	Complete
5	0.511	0.400	0.307	0.60	Complete
Average	-	-	-	0.65	-

End of Report