

Impact Resistance Test Data

G2 Series - BioPolyPETG+



Stork Technimet, Inc.

Failure Analysis · Materials Testing · Product Evaluation

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Subject : Notched Izod Impact Test Results (Method E) – Sample InPro, G2 Material

Reverse Notch Izod Impact Test Results of Sample InPro, G2 Material

Sample	Impact Resistance		
	Width, in.	ft-lbs/in	Break Type
1	0.126	(38.5) ^{Note 1}	Non-Break
2	0.128	(34.1) ^{Note 1}	Non-Break
3	0.121	(32.7) ^{Note 1}	Non-Break
4	0.128	(20.4) ^{Note 1}	Complete
5	0.122	(32.4) ^{Note 1}	Non-Break
Average	0.125	(31.6) ^{Note 1}	N.A.
Standard Deviation	0.003	6.7	N.A.

N.A. = Not Applicable.

Note 1- Results obtained from a combination of break and non-break specimens shall be considered a departure from standard and shall not be reported as a standard result. The value reported is for informational purposes only.

Reverse notch izod impact testing was performed in accordance with ASTM D 256-06a, Method E. Samples were prepared and allowed to condition for a minimum period of 40 hours at 23 +/- 2 °C and 50 +/- 10% relative humidity. The testing was performed at ambient laboratory conditions of 22 °C and 41% relative humidity.

It is our policy to retain components and sample remnants for a minimum of 30 days from the report date, after which time they may be discarded. This project shall be governed exclusively by the General Terms and Conditions of Sale and Performance of Testing Services by Stork Technimet, Inc. a Wisconsin business corporation d.d. November 4, 2008. The data herein represents only the item(s) tested. In no event shall Stork Technimet, Inc. be liable for any consequential, special or indirect loss or any damages above the cost of the work. This report shall not be reproduced, except in full, without prior permission of Stork Technimet, Inc.

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