Test-Report E-Chains

Test No.: **3741**

Client:			
Name: A. Pies	Team: Konstruktion	Date: 05.05.10	Result:

Order-Info:

Customer/ No.: igus® GmbH

Series / No: E 4.350 | Installation type: Standard und NC

Goal: breaking moment, pull test

Technical data		**Series data**	
Length [links] or [m]:	2,82 m	Mat.-No.:	-
Additional load [kg/m]:	-	Prod.-date:	-
Chain weight [kg/m]:	61,9	Origin:	☐Stock ☒Production ☐Customer
Temperature [°C]:	20	- Other:	
a acceleration [m/sec^2]:	-	tempered	☐ No ☐ Yes
Mounting brackets:	steel	conditioned	☐ No ☐ Yes
Filling (Sketch-No.):	-	- moisture absorption [%]	

Cycles	**v** Speed [m/s]

Remark:

Experimental setup (Sketch, Photo ...)

test setup

hydraulic compressor-rig and laptop (measurements)

Original → Test Lab
Copy 1 → Konstruction
Copy 2 → Client

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Test No.: **3741**

test setup pull test

bended brackets pull test 16.06.11

Investigational procedure

From: 05.05.10	To: 16.06.11	Examiner: A. Pies

Result

pull test:
breaking force
16.06.11 **> 175.400 N**

☐ Report: Sheets

Evaluation

The pull-test has stopped after we were not able to disconnect the links with a force bigger than 175.400N.

Name: A. Pies Date: 21.06.2011