

2009-11-10

Test report	09/1058e
Test standard	EN 61034-2: 2006 Measurement of smoke density of cables burning under defined conditions – Part 2: Test procedure and requirements (IEC 61034-2:2005); German Version EN 61034-2:2005
Classification standard	EN 61034-2: 2006 Measurement of smoke density of cables burning under defined conditions – Part 2: Test procedure and requirements (IEC 61034-2:2005); German Version EN 61034-2:2005
Client	Huber + Suhner AG Mr. Hess Tumbelenstrasse 20 8330 Pfäffikon, Switzerland
Material	GX 04273-12, Art.-Nr. 23029791
Nominal thickness	6.0 mm

Test result

On 2009-10-13 tested cable achieved a transmission from 72.2 %.

The requirements according EN 61034-2, Annex B were fulfilled.


Michael Halfmann
(Head of Fire Testing)




Günter Strömpen
(Customer Support Fire Testing)



The Fire Technology laboratory of Currenta is accredited according to EN ISO/IEC 17025 generally for fire testing. The Fire Technology is notified by Federal Railway Authorities "Eisenbahnbundesamt (EBA)", "Eisenbahn-Cert (EBC) for European Railway Systems and for French Railway systems from L'agence de certification ferroviaire (CERTIFER).

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.



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Clients material description¹:

Trade name	GX 04273-12, Art.-Nr. 23029791	
Product description	Cable	
Manufacturer	Huber+Suhner AG	
Data sheet no.	Remark 1	
Safety data sheet no.	Remark 1	
Thickness	[mm]	6.1
Area related mass	[kg/m ²]	Remark 1
Composition	[%]	Remark 1
Colour	black	
Appearance	Remark 1	
Flame-retardant treatment	Remark 1	
homogenous product	Remark 1	
Field of application, maybe withdrawing (wall, floor, ceiling)	Remark 1	
Standard handling (glued, non glued etc.)	Remark 1	
Standard backing (alloy, metal, wood etc.)	ensemble Cable	
Surface to be tested?	Remark 1	

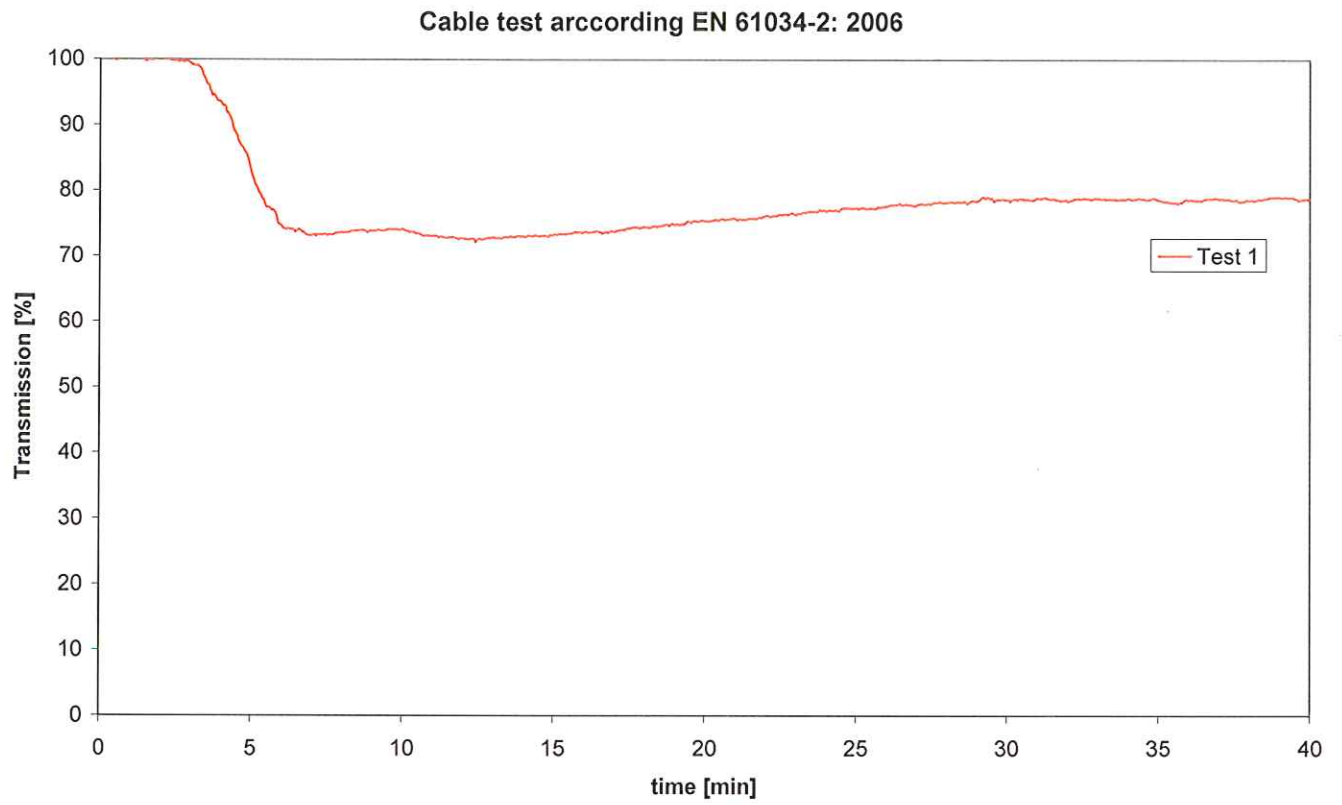
Measurements:

File-No.	L91036A	
Delivery date	2009-09-25	
Date of test	2009-10-13	
Conditioning	> 16 h / 23 °C / 50 % r. h.	
Cable length	[m]	1.0
Thickness	[mm]	5.6
Mass related to length	[g/m]	53.5
Fire load	8 cable	
Sample amount	8 cable	
Colour	black	
Appearance of surface	outside	
Operator	Christoph Michalski	
Test equipment no.	L-B411-P0034	

¹ Remark 1: The customer hasn't provide this information

Remark 2: The customer is unable to provide this information

Chart 1: Transmission



Transmission = 72.16%

Pictures of the samples:

