

**Requested by** Tea Teräsvoori, UPM Kymmene, Kymi

**Order**

**Our reference number** 114681

**Contact person** Labtium Ltd

Kari Niemi  
Tel. +358-405627530  
Email kari.niemi@labtium.fi

**Assignment** **Paper permanence ISO 9706**

**Sample** KymLux 80 gsm  
Manufacturer: UPM Kymmene Corporation, Kymi  
Manufactured: in Finland

**Trade names** Yes Bronze, Future Lasertech, UPM Office copy / print, KymLux Classic

**Object** The test methods according to the standard ISO 9706.

**Results** The results are shown in page 2.

**Statement** The paper sample tested meets the requirements in ISO 9706.

Espoo, December 7, 2012

Kari Niemi  
Senior Expert

## Appendix: Test results

**Samples** KymLux 80 gsm

### Results

The tests required by the standard ISO 9706 were performed as described in appropriate standards. The results are in the table below.

Test	Sample	Requirement of the standard ISO 9706
	<b>KymLux 80 gsm</b>	
Grammage (g/m <sup>2</sup> )	78.4	-
Alkali reserve (mol/kg)	4.6	≥ 0.4
Tearing resistance (mN)		
- machine direction	523	≥ 350
- cross direction	649	≥ 350
pH of aqueous extract	9.7	7.5 - 10.0
Kappa number	1.2	≤ 5.0

### Other observations

No other observations that may be of importance for permanence of the paper.