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16 June 2016

Confirmation about the deinkability of a printed product

1. Test

The specified printed products were tested according to INGEDE Method 11 and assessed according to the “Assessment of Printed Product Recyclability – Deinkability Score” (ERPC 2015).

2. Specifications of Test Prints “Turkish Kitchen” and “Textbook Physics” (simplex)

Print product (name, incl. issue):	Test prints Türkisch Kitchen, Textbook Physics (simplex)	
Paper:	Finesse Gloss 170 g/m ²	Terra-Press 90 g/m ²
Paper manufacturer:	UPM	Stora Enso
Paper surface (coated/uncoated/surface sized):	coated (HWC)	coated (MWC)
Printing process, Printing machine:	Inkjet (pigmented ink) RotaJet L-Series	Inkjet (pigmented ink) RotaJet L-Series
Printing ink:	Ink for RotaJet L-Series KBA RotaColor V3 yellow KBA RotaColor V3 magenta KBA RotaColor V3 cyan KBA RotaColor V3 black	Ink for RotaJet L-Series KBA RotaColor V3 yellow KBA RotaColor V3 magenta KBA RotaColor V3 cyan KBA RotaColor V3 black

3. Total result

The printed products are allocated into the category “Magazine Coated”. The overall result is 100 scores (total scoring) for both prints. The deinkability is rated as “good”.

4. Single scores

	Y	Colour a*	Dirt speck area A>50	Dirt speck area A>250	IE	ΔY	Total
Test Print “Turkish Kitchen”	35	20	15	10	10	10	100
Test Print “Textbook Physics”	35	20	15	10	10	10	100
Max. Scores	35	20	15	10	10	10	100

Y- Luminosity, IE-Ink Elimination, ΔY- Filtrate darkening

5. Comparison

The following table includes the evaluation of the deinkability scores:

Score	Evaluation of deinkability	Test Print “Turkish Kitchen”	Test Print “Textbook Physics”
71 to 100 Points	Good	X	X
51 to 70 Points	Fair		
0 to 50 Points	Poor		
Negative (failed to meet one or more thresholds)	Not suitable for deinking		