Cepi RENEWABLE RECYCLED RESPONSIBLE EUROPEAN PAPER

HARMONISED EUROPEAN TEST METHOD FOR PAPER AND BOARD RECYCLABILITY ASSESSMENTS

VERSION 1

Test procedure			Measurement	Parameter for recyclability assessment
paper & board material/product	**amount**	250g (at least one piece)		
	ageing	15 days old sample or otherwise artificial ageing acc. To Ingede 11 (3d, 60°C)		
representive sample				
preparation	**size**	3x3 cm (+/- 0.5 cm)		
	amount	50g oven dry		
	method	cutting or tearing		
pulping (acc. ISO 5263-1)	**device**	Standard disintegrator	20 min	
	consistency	2.5%		
	time	10min		
	temperature	40°C +/- 1°C		
sheet forming (total stock)	**grammage**	60g/m²	optional: **sheet adhesion test**	
	number	2	optional: **visual appearance test**	
optional				
coarse screening	**device**	Somerville	**coarse reject determination**	**quantity coarse reject**
	size	hole 5mm		
	time	5min	(The pulping time can be prolonged to 20 minutes when coarse reject consists only of fibre)	
	water flow	8.6 l/min		
	amount	total		
optional: work with a drainage				
sheet forming (accept coarse screening)	**grammage**	60g/m²	**sheet adhesion test**	**removability of impurities potential of tacky and visual impurities**
	number	2	**visual appearance test**	
fine screening (acc. TAPPI T275 sp18)	**device**	Somerville	**flake content determination**	**quantity flake content (fine reject)**
	size	slot 150µm		
	time	20min	(If mostly non paper components, then counting as coarse reject)	
	water flow	8.6 l/min		
	amount	> 20g oven dry		
optional: work with a drainage				
sheet forming (accept fine screening)	**grammage**	60g/m²	**sheet adhesion test**	**recyclate quality tacky impurities visual impurities**
	number	2	**visual appearance test**	
macrostickies analysis (acc. ISO 15360)	**device**	Somerville	**macrosticky assessment**	**recyclate quality tacky impurities (macrostickies)**
	size	slot 150µm		
	time	10min		
	water flow	8.6 l/min		
	amount	2x 5g oven dry		