

Withdrawal from 2006-01-01 - SCAN-test methods of physical character

Stiffness and compression strength properties	SCAN-C 36:84 (to be withdrawn)	ISO 5270:1998 (to replace SCAN)
<i>Applicable to</i>	All kinds of pulps. The method includes sheet preparation and testing.	Laboratory sheets prepared from pulps, acc. to ISO 5269-1 or 5269-2. ISO 5270 only includes testing of the sheets.
<i>Sheet preparation</i>	Laboratory sheets with a grammage of 140 g/m ² are prepared (nowadays acc. to ISO 5269-1 or -2, since SCAN-C 26 has been withdrawn).	Laboratory sheets with an unspecified high grammage are prepared acc to ISO 5269-1:2005 or ISO 5269-2:2004.
<i>Procedure and report</i>		
Bending resistance	SCAN-P 29 will be withdrawn 2006. Report: 3 significant figures.	To be replaced by ISO 2493:1992. Report: 3 significant figures.
Flat Crush Resistance after laboratory fluting, CMT	SCAN-P 27 is withdrawn. Report: CMT-values to the nearest newton.	Replaced by ISO 7263:1994. Report: Flat Crush Resistance index to three significant figures.
Ring Crush Resistance, RCT	SCAN-P 34 is withdrawn. Report: RCT-values to the nearest newton.	Replaced by ISO 12192:2002. Report: Ring-Crush Resistance index to three significant figures.
Corrugated Crush Resistance, CCT	SCAN-P 42 Report: CCT-index to the nearest 0,1 Nm/g.	No ISO standard
Compression strength	SCAN-P 46 is withdrawn. Report: Compression index to the nearest 0,1 Nm/g.	Replaced by ISO 9895:1989. Report: Compression index to the nearest 0,1 Nm/g.

Roughness with Bendtsen tester	SCAN-P 21:67 (to be withdrawn)	ISO 8791-2:1990 (to replace SCAN)
<i>Applicable to</i>	Paper and paperboard Range: 10 – 500 ml/min	Paper and board Range: 50 – 1200 ml/min
<i>Definition</i>	The volume of air of a specified pressure difference that escapes per unit time between the surface of the paper and a flat metal ring resting on the paper.	The rate at which air will pass between a flat circular land and a sheet of paper when tested under specified conditions and at operating pressure (1,47 kPa).
<i>Apparatus</i>	Bendtsen roughness tester	Bendtsen tester
Inner diameter of the ring	31,5 ± 0,2 mm	31,5 ± 0,2 mm
Thickness	0,150 ± 0,002 mm	0,150 ± 0,002 mm
Mass of measuring head	267,0 ± 0,5 g	267 ± 2 g
Air pressure	127 10 ³ N/m ²	1,47 ± 0,02 kPa (normal) As alternative: 0,74 ± 0,03 kPa 2,20 ± 0,03 kPa
<i>Number of determinations</i>	To be calculated acc. to SCAN-G 2 or by trade or other agreements.	At least 10 for each side.
<i>Report</i>	Separately for each side. Report: 10 – 50 ml/min, to the nearest 2 ml/min 50 – 500 ml/min, to the nearest 5 ml/min	Separately for each side. Report: to two significant figures.