

Kraft Paper

Specifications



Series 110

		TAPPI		33	35	38	40	45	50	60	70
Ream Weight											
Grammage	(g/m ²)			54	57	62	65	73	82	98	114
Caliper	(0.001 ")	T441	Nominal	4.3	4.6	4.9	5.1	5.7	5.6	6.9	8.3
Mullen	(psi)	T403	Nominal	25	26	30	32	34	43	52	58
	(kPa)		Nominal	172	179	207	221	234	296	359	400
Percent Moisture		T412	Minimum	5%	5%	5%	5%	5%	5%	5%	5%
Elmendorf Dry Tear	(g _f)	T414	MD Nominal	71	77	88	94	115	121	157	188
			Minimum	45	50	55	63	74	86	112	131
		CD	Nominal	76	84	98	103	126	130	186	238
			Minimum	49	55	58	68	82	91	117	136
	(mN)	MD	Nominal	696	755	863	922	1128	1187	1540	1844
			Minimum	441	490	539	618	726	843	1098	1285
		CD	Nominal	745	824	961	1010	1236	1275	1824	2334
			Minimum	481	539	569	667	804	892	1147	1334

All physical measurements done at 23°C 50% relative humidity.

Specifications are for quality control measures of samples by roll average for moisture and weight, and by reel average for all other properties.

Measurements taken after sheeting or other conversion processes may not match these specifications.

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Product Profile

Series 110

Description

A natural kraft sheet suitable for use in manufacturing paper bags, laminating, and wrapping applications

Features

- ◆ Made from solid unbleached sulfate virgin kraft fiber
- ◆ Singly ply
- ◆ Excellent resistance to tear and burst
- ◆ Available in a wide range of basis weights
- ◆ Produced on Graphic Packaging International's paper machine #5 in West Monroe, Louisiana, which is dedicated to producing bag and sack paper

Advantages

- ◆ Excellent strength characteristics for typical applications
- ◆ Mill is conveniently located for customers in the Southeast and Midwest, and in proximity to ports for export customers
- ◆ GPI has no internal bag or sack facilities to compete with; all production is sold on the open market

Inspection Standards

The following defects are not allowed: scabs, holes, unmarked splices, wrinkles, calendar cuts, shaving/scrap in rolls

Slitting and Winding Requirements

- ◆ Roll widths are cut and sold to the nearest 1/8"
- ◆ Roll width tolerance is +/- 1/16"
- ◆ Roll diameter tolerance is +/- 1/2"
- ◆ Splices - No closer than 1" of diameter, max 2 per roll
- ◆ Telescoping - Not to exceed 1/2", measured from core to top of roll
- ◆ Cores - Not to extend more than 1/4" from either side of roll
- ◆ Edges - Clean cut (dust free)

Machine Trim

- ◆ 33#, 35# 114.5" (291 cm)
- ◆ 38#, 40#, 45# 115.5" (293 cm)
- ◆ 50#, 60#, 70# 116.5" (296 cm)