

# Pearl-Kote® Folding Cartonboard

## 16 pt - 30 pt



### Description

A medium to heavy caliper sheet for most consumer products folding carton applications. Designed to provide outstanding package and packaging line efficiency and performance.

### Features

- o Solid unbleached sulfate virgin kraft fiber
- o Blend of virgin and recycled fiber
- o Triple layers of clay coating
- o Naturally beautiful brown back
- o High stiffness
- o High resistance to tear, puncture and corner crush

### Advantages

- o Efficient, reliable performance on packaging lines
- o Excellent graphic reproduction for eye-catching packages
- o Superior carton performance during carton distribution
- o Performance alternative to CRB
  - o Improved stiffness and yield
  - o Typically maintain CD stiffness at 2-3 caliper drop
  - o Improved consistency and uniformity
  - o Lower fossil fuel use
- o Economic alternative to SBS
- o Made from a renewable resource with renewable energy - trees in Southern U.S.
- o Optimum blend of virgin and recycled fiber
- o Recyclable
- o Naturally biodegradable

**Machine Trim** (16 to 30 pt) 227"

### Certifications/Compliances

#### Manufacturing

ISO 9001:2008 certified quality management system

#### Forestry & Procurement

Sustainable Forestry Initiative ("SFI") sourcing standards -  
 BV-SFIS-US09000737  
 BV-SFICOC-US003896-2  
 Programme for the Endorsement of Forest Certification -  
 PEFC – BV-PEFCCOC-US003897-2  
 Forest Stewardship Council -  
 FSC – BV-COC-008966 & BV-CW-008966  
 European Union Timber Regulations (EUTR) compliant

#### Environmental & Safety

ASTM F963 & EN 71-3 European Toy Safety compliant  
 CONEG Model Heavy metal compliant (Pb, Cd, Hg & Cr<sup>6+</sup>)  
 RoHS compliant

US California Proposition 65 –

The products listed above comply with the requirements in the California State Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) and contain no substances that require declaration under the provisions of this regulation.

REACH compliant

Ozone-Depleting Chemicals free manufacturing

#### Food Contact<sup>1</sup>

USFDA 21 CFR §176.170 - Contact with aqueous & fatty foods (subject to extraction limitations): all non-alcoholic foods (Type I, II, III, V, VI-B, VII, and IX), except dairy products & modifications (Type IV) and Type VI-A and VI-C [Table 1 – 21 CFR §176.170(c)] under conditions of use C – G [Table 2 – 21 CFR §176.170(c)]

USFDA 21 CFR §176.180 - Contact with dry food (Type VIII)

EC Framework Regulation 1935/2004" and "BfR Recommendation XXXVI

<sup>1</sup>Note: It is the responsibility of the buyer or user to assure suitability for the intended food contact application.

TAPPI		Nominal Values										
<b>Caliper (0.001 ")</b>	T411	.016	.017	.018	.020	.022	.024	.026	.028	.029	.030	
<b>Thickness (microns)</b>		406	432	457	508	559	610	660	711	737	762	
<b>Basis Weight (lbs/msf)</b>	T410	65	68	72	80	86	93	100	107	109	114	
<b>Basis Weight (g/m2)</b>	T410	317.3	331.9	351.4	390.5	420	453.9	488.1	522.3	532	556.4	
<b>Taber Stiffness (gf.cm)</b>	MD	T489	210	245	290	355	450	560	680	815	885	955
	CD		100	117	140	165	210	275	325	395	435	475
(mN.m)	MD	T489	20.6	24.0	28.4	34.8	44.1	54.9	66.7	79.9	86.8	93.7
	CD		9.8	11.5	13.7	16.2	20.6	27.0	31.9	38.7	42.7	46.6
<b>GE Brightness</b>	T452	79.8										
<b>% Moisture</b>	T412	7.0										

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

Specifications are for quality control measures of paperboard samples from mill reels.

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