

Saturating Kraft

DuraSorb®



DuraSorb® Saturating Kraft offers superior performance and product consistency, backed by unmatched customer and technical service support. Unsurpassed in its reputation for high-speed phenolic resin impregnation and laminate processibility, KapStone DuraSorb® enhances production efficiency and laminate performance. In addition, HIPEX® is a customized grade which solves customer issues for resin penetration.

TYPICAL USES

Decorative Laminates

Kitchen & Bath Countertop
Home & Office Furniture

Compact Laminates

Home & Office Furniture
Exterior Cladding
Interior Partitions

Industrial

Printed Circuit Boards
Copper Clad Laminates
Concrete Forms
Wall & Roof Sheathing
Siding & Exterior Panels
Evaporative Cooling Element

MANUFACTURING LOCATION

Charleston, SC

PRODUCT FEATURES

Superior Saturability

Impregnation Line Runnability

Improved Resin Penetration

Sustainability

CERTIFICATIONS

Forestry and Procurement

Environmental and Safety

PRODUCT CLASSIFICATIONS

Product Type

Structure

BENEFITS

Through careful control of density, fiber selection, and refining processes, DuraSorb® delivers superior saturability performance that sets the standard in the laminate industry. Saturability requirements can be optimized to improve the impregnation process.

Outstanding uniformity and product consistency improve impregnation operations that optimize productivity and reduce manufacturing costs.

Through our HIPEX® grades, we provide a sheet with equivalent laminate performance at lower resin content, thus reducing total manufacturing cost.

We are committed to producing sustainable products for our customers that adhere to multiple forestry certification standards. Through this commitment, KapStone sources fiber that is renewable and traceable.

SFI® Certified Sourcing and Chain of Custody

PEFC™ Chain of Custody

FSC® Chain of Custody

Compliant with the Lacey Act and EUTR (European Union Timber Regulation)

US California Proposition 65 Compliant

CONEG Model Heavy Metal and EC/94/62 Article II Compliant

RoHS Compliant

REACH Compliant

Saturating Kraft

Unbleached Kraft Solid Paperboard

Saturating Kraft

DuraSorb®



Grade Availability & Typical Properties (US)

Grade Specified by TAPPI Weight									Units	Method
TAPPI Basis Weight*	90	99	115	122	132	135	154	156	#/3000 ft ²	T-410
Production Moisture Content	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	percent	T-412
Standard Density**	10.3	10.3	10.3	10.6	10.3	10.3	10.6	10.3	#/3000 ft ² per mil	T-220
Saturability Index***	60 - 70	60 - 70	65 - 73	59-67	60 - 70	60 - 70	60 - 68	58 - 66	Index	Proprietary

* TAPPI Basis weight is paper weight conditioned to 7.3% moisture content after 24 hours of conditioning at 73°F and 50% relative humidity

** Typical density range - 10.0 to 11.0 #/3000 ft² per mil, TAPPI BW (#/3000 ft²) / Caliper (mils)

*** Listed at typical saturability ranges for listed basis weights. Specific targets are set by the customer.

Grade Availability & Typical Properties (Metric)

Grade Specified by TAPPI Weight									Units	Method
TAPPI Basis Weight*	146	161	187	199	215	220	251	254	g/m ²	T-410
Production Moisture Content	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	percent	T-412
Standard Density**	0.66	0.66	0.66	0.68	0.66	0.66	0.68	0.66	g/cm ³	T-220
Saturability Index***	60 - 70	60 - 70	65 - 73	59-67	60 - 70	60 - 70	60 - 68	58-66	Index	Proprietary

* TAPPI Basis weight is paper weight conditioned to 7.3% moisture content after 24 hours of conditioning at 23°C and 50% relative humidity.

** Typical density range - 0.60 to 0.80 g/cm³

*** Listed at typical saturability ranges for listed basis weights. Specific targets are set by the customer.

For more information about this product, please contact KapStone Customer Service at 843.745.3433 or visit us at www.kapstonepaper.com

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