

# EnShield® Natural Kraft

PRODUCT GUIDE

## Provides oil and grease resistance for your customers.

EnShield® Natural Kraft is a recyclable virgin kraft paperboard that is brown on both sides, provides high\* oil and grease resistance and works well for brands that prefer virgin paperboard and a natural brown color for to-go containers. Offering sustainability benefits over poly-coated paperboard or plastic packaging, the all-brown packaging can also appeal to eco-conscious consumers.

### Features

- High\* level of oil and grease resistance
- Natural appearance
- Offers operational efficiencies compared to polycoated paperboard

### Benefits

- Reduces unsightly oil and grease stains and provides a high level of oil and grease resistance
- May appeal to consumers and brands that prefer an attractive, natural, all-brown kraft exterior\*\*
- Strengthens packaging circularity and end-of-life recovery by being recyclable and produced with renewable fibers without intentionally added per polyfluoroalkyl substances (PFAS)
- Improves recyclable scrap value when compared to poly-coated paperboard

### Additional product information

#### Sustainability

- Made with up to 15% recycled fiber.
- Recyclable.
- All Smurfit Westrock North American paperboard mills are certified to the SFI®, PEFC, FSC® Chain of Custody Standards. Contact your Smurfit Westrock sales representative for certified fiber availability for this product.
- Certificate Codes: SFI Certified Sourcing: NSF-SFI-CS-6S751, SFI CoC: NSF-SFICOC-6S751, PEFC: NSF-PEFCCOC-0000751, FSC Company Code: FSC-C104002.

#### Environmental and safety

- Notices under US California Proposition 65 and the EU REACH regulation are not required.
- Meets heavy metal limits of the US Model Toxics in Packaging rules and Article 11 of EU Directive 94/62/EC.

#### Food contact

- Meets multiple national requirements for food contact packaging, e.g., US and Canada. Contact your sales representative for information on specific markets and end uses.
- ISEGA Certificate available.

\* High is defined by Smurfit Westrock as a KIT test result of 8+

\*\* Smurfit Westrock 2017 Consumer Study showed that consumers were more likely to agree that brown packaging is "natural" versus white packaging

### Applications

- Foodservice takeout packaging
- Bakery
- Frozen foods

### Product classification

- Uncoated Unbleached Kraft
- UUK Paperboard

Grade availability and typical board properties (U.S.)

Grade availability by caliper						Units	Method	
Caliper (pts)		0.014	0.016	0.018	0.020	0.022	inches	T-411
Nominal basis weight		58	66	72	78	84	lbs/MSF	T-410
Moisture content		6.6	6.6	6.6	6.6	6.6	percent	T-412
ZDT		35	35	35	35	35	psi	T-541
Stiffness								
Taber 15°	MD	140	200	275	350	440	gf-cm	T-489
	CD	70	100	140	175	210	gf-cm	T-489
Barrier target values								
Oil & grease resistance (OGR)		12	12	12	12	12	3M Kit	T-559

Values are subject to change without notice.

Grade availability and typical board properties (Metric)

Grade availability by weight						Units	Method	
Thickness		356	406	457	508	559	microns	T-411
Nominal basis weight		283	322	352	381	410	gsm	T-410
Moisture content		6.6	6.6	6.6	6.6	6.6	percent	T-412
ZDT		241	241	241	241	241	kPa	T-541
Stiffness								
Taber 15°	MD	13.7	19.6	27.0	34.3	43.1	mNm	T-489
	CD	6.9	9.8	13.7	17.2	20.6	mNm	T-489
Barrier target values								
Oil & grease resistance (OGR)		12	12	12	12	12	3M Kit	T-559

Values are subject to change without notice.

For more information, please contact your Smurfit Westrock representative or visit our website at [westrock.com/enshield](https://westrock.com/enshield).

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