

EnShield® SBS (Solid Bleached Sulphate)

PRODUCT GUIDE

Improve package performance and sustainability.

EnShield® SBS is a bleached virgin paperboard that delivers a medium level* of oil and grease resistance, which make it an ideal solution for many retail food and foodservice applications, including takeout, bakery and frozen food. If you're looking for a higher level of oil and grease resistance than traditional SBS paperboard can provide, turn to EnShield.

Features

- Medium* level of oil and grease resistance
- Without any intentionally added per/polyfluoroalkyl substances (PFAS)
- Does not require polymer extrusion

Benefits

- Provides oil and grease resistance for many applications in takeout, bakery and frozen food
- Increases packaging circularity and end-of-life recovery by being recyclable and produced with renewable fibres without intentionally added per/polyfluoroalkyl substances (PFAS)
- Eliminates sustainability concerns about intentionally added fluorocarbons (PFAS) and polyethylene
- Improves scrap value when compared to poly-coated paperboard

Additional product information

Sustainability

- Recyclable.
- 100% PEFC Certified - BMT-PEFC-COC-0332.
Contact your Smurfit Westrock sales representative for certified fibre availability for this product.

Quality

- Produced at an ISO 9001 certified facility.

Environmental and Product Safety

- Notices under US California Proposition 65 and the EU REACH regulation are not required.
- Elemental chlorine free (ECF) bleached fibre.
- 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, Canada, Germany and the EU. Contact your sales representative for information on specific markets and end uses.
- ISEGA Certificate available.

* Medium is defined by Smurfit Westrock as a KIT test result between 5 and 8.

Applications

- Foodservice takeout packaging
- Bakery
- Frozen foods

Product classification

- Solid Bleached Sulphate
- SBS Paperboard
- GZ

Region

- EMEA (Europe, the Middle East and Africa)

Grade availability (EMEA) and typical board properties

Grade availability		Print side target values							Units	Method
Nominal basis weight		236	265	296	324	366	399	430	gsm	T-410
Caliper (pts)		0.012	0.014	0.016	0.018	0.020	0.022	0.024	inches	T-411
Thickness		305	356	406	457	508	559	610	microns	T-411
Moisture content		5.5	5.5	5.5	5.5	5.5	5.5	5.5	percent	T-412
GE brightness		86	86	86	86	86	86	86	percent	T-452
Parker Print		1.0	1.0	1.1	1.2	1.2	1.2	1.2	microns	T-555
Internal bond		137	147	147	147	158	168	168	J/m²	T-569
Stiffness										
Taber 15°	MD	8.3	11.8	16.7	21.6	27.5	34.8	43.1	mNm	T-489
	CD	4.4	5.9	9.3	11.8	15.2	18.6	22.6	mNm	T-489
Colour										
Hunter	a	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	L-a-b	T-524
	b	1.5	1.5	1.5	1.5	1.5	1.5	1.5	L-a-b	T-524
Barrier/back side target values										
Oil & grease resistance (OGR)		5+	5+	5+	5+	5+	5+	5+	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.

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