

MWare® PLA Cupstock

Durable, yet compostable.



MWare® PLA Cupstock uses a bio-based polylactic acid (PLA) coating created from annually renewable resources and is industrially compostable. Plus, MWare PLA Cupstock options are SBS-based and meet strict global food safety standards. It also works well in all types of cup-forming equipment for efficient converting and less waste. With MWare PLA Cupstock, you get clean seams and smooth rims with no cracking or tears. Add exceptional liquid holdout and you've found the compostable cupstock you were searching for.

Packaging uses

- Hot Beverage Cups
- Cold Beverage Cups
- Lidded Food Cups

Product Classification

- Polymer-Coated
- Solid Bleached Sulfate
- SBS Paperboard

What You Can Expect from Us

- Compostable** Bio-based polylactic acid (PLA) extruded coating is made from annually renewable resources and is industrially compostable.
- Consistency** Advanced systems ensure roll-to-roll consistency to improve converting efficiency.
- Liquid Holdout** Withstands the liquid holdout challenges associated with cold beverages.
- Cup Formability** Excellent and consistent rim forming high-speed cup forming.
- PCF Availability** You can choose paperboard options that include up to 15% post-consumer recycled fiber (PCF).

Additional Product Information

- Sustainability** All WestRock North American paperboard mills are certified to the SFI®, PEFC™, FSC™ Chain of Custody Standards. Contact your WestRock sales representative for certified fiber availability for this product. Recycled fiber content available by specification. Compostable documentation available.
- 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.
- Quality** Produced at an ISO 9001 certified facility.
- Environmental and Safety** Notices under US California Proposition 65 and the EU REACH regulation are not required. Elemental chlorine free (ECF) bleached fiber. Meets heavy metal limits of the US Model Toxics in Packaging rules and Article 11 of EU Directive 94/62/EC.

Grade Availability & Typical Properties								Units	Method
Caliper	U.S.	0.0113	0.0124	0.0130	0.0150	0.0165	0.0180	inches	T-411
Thickness	Metric	287	315	330	381	419	457	microns	T-411
Nominal Basis Weight	U.S.	140	143	150	168	175	185	lbs/3000 sq ft	T-410
	Metric	228	233	236	274	285	301	gsm	T-410
Moisture		6.5	6.5	6.5	6.5	6.5	6.5	percent	T-412
GE Brightness		84	84	84	84	84	84	percent	T-452
Smoothness									
Sheffield	Wire	175	280	180	225	260	280	mL/min	T-538
	Felt	160	300	165	190	225	225	mL/min	T-538
Stiffness									
Taber 15° (U.S.)	MD	64	74	94	120	165	210	gf-cm	T-489
	CD	30	35	45	60	75	100	gf-cm	T-489
Taber 15° (Metric)	MD	6.2	7.2	9.2	11.7	16.1	20.6	mNm	T-489
	CD	2.9	3.4	4.4	5.8	7.4	9.8	mNm	T-489
Tear									
Elmendorf	MD	250	370	320	310	325	360	gf	T-414
	CD	285	430	360	365	365	400	gf	T-414
Stretch	CD	6.0	6.0	5.8	5.2	5.2	5.2	percent	T-494
Color									
Hunter	L	93.5	93.5	93.5	93.5	93.5	93.5	L-a-b	T-524
	a	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	L-a-b	T-524
	b	3.3	3.3	3.3	3.3	3.3	3.3	L-a-b	T-524

Values are for basestock only. A variety of polymer structures and thicknesses are available. Values are subject to change without notice.

LDPE Poly Configurations Available				
Thickness				
Mils (U.S.)	0.50	0.75	1.00	1.25
Microns (Metric)	12.7	19.1	25.4	31.8
Weight				
lbs/3000 sq ft (U.S.)	7.2	10.8	14.4	18.0
gsm (Metric)	12.0	18.0	24.0	30.0

Corona treatment must be requested if you will print on poly. Standard LDPE one side is 0.75 mils gloss. Standard P2S is 0.75 mils matte/0.5 mils gloss. PLA is 1 mil (30 gsm/18 lbs) P1S or P2S.

For more information, please contact your WestRock representative or visit our website at westrock.com.

The information contained in this Product Guide is accurate to the best of WestRock's knowledge and belief. It is intended, however, only as an introduction to the typical properties of the product. WestRock disclaims any guarantee or warranty with respect to the accuracy of this information or, based on this document, with respect to the suitability of the product for any particular use, including, but not limited to, the compliance of the product with laws, regulations, or standards. This information is subject to change without notice.

Certificate Codes: SFI Certified Sourcing: NSF-SFI-CS-6S751, SFI CoC: NSF-SFICOC-6S751, PEFC: NSF-PEFCCOC-6S751, FSC Company Code: FSC-C104002

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