

MWare® Poly Cupstock

The performance you seek.
The consistency you want.



Our MWare® Poly Cupstock shines in regard to strength and consistency. It works well with all types of forming equipment. And ultimately it helps reduce costs and promote efficiency. Depending on your performance and sustainability goals, we deliver various offerings of fiber mix and functional coatings—all of which meet strict global food standards. This strong paperboard cupstock helps resist cracks and tears, which greatly improves the consumer experience.

Packaging uses

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

Product Classification

- Polymer-Coated
- Solid Bleached Sulfate
- SBS Paperboard
- GZ

What You Can Expect from Us

- Consistency** We put advanced systems in place to ensure roll-to-roll consistency to improve converting efficiency. This helps reduce converting costs.
- Liquid Holdout** Designed to withstand the liquid holdout challenges associated with new beverage ingredients.
- Cup Machinability** Capable of excellent and consistent rim forming in high-speed cup forming.
- PCF Availability** Paperboard options can 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.
- 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. Kosher documentation available.
- 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.

UNCOATED ONLY

BOTTOM
STOCK
ONLYP1S
ONLYP2S
ONLYFOR HOT
BEVER-
AGE
CUPS
ONLYMWare®
Poly Cupstock

Grade Availability & Typical Properties														Units	Method
Caliper (pts)	U.S.	0.0070	0.0082	0.0093	0.010	0.0113	0.0124	0.0130	0.0150	0.0165	0.0180	.0180	0.020	inches	T-411
Thickness	Metric	178	208	236	254	287	315	330	381	419	457	457	508	microns	T-411
Nominal	U.S.	90	98	120	129	140	143	150	168	175	185	185	212	lbs/3000 sq ft	T-410
Basis Weight	Metric	147	160	195	210	228	233	244	274	285	301	301	345	gsm	T-410
Moisture		6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.7	6.7	6.5	6.5	percent	T-412
GE Brightness		84	84	84	84	84	84	84	84	84	84	84	84	percent	T-452
Smoothness															
Sheffield	Wire	175	200	130	130	175	280	180	225	260	280	280	270	mL/min	T-538
	Felt	185	215	120	120	160	300	165	190	225	230	190	250	mL/min	T-538
Stiffness															
Taber 15° (U.S.)	MD	17	20	40	50	60	76	98	130	171	210	217	280	gf-cm	T-489
	CD	8	9	18	24	31	37	48	60	76	100	106	140	gf-cm	T-489
Taber 15° (Metric)	MD	1.7	1.9	3.9	4.9	5.8	7.5	9.6	12.7	16.8	20.5	21.3	27.5	mNm	T-489
	CD	0.8	0.9	1.7	2.4	3.6	3.6	4.7	5.9	7.6	9.8	10.4	13.7	mNm	T-489
Tear															
Elmendorf	MD	190	200	245	245	250	370	320	310	305	370	370	365	gf	T-414
	CD	205	235	265	265	310	400	360	365	340	430	430	445	gf	T-414
Stretch	CD	4.3	6.0	6.0	6.0	5.6	5.8	5.0	5.0	5.4	5.0	5.0	4.7	percent	T-494
Color															
Hunter	L	93.5	93.5	93.5	93.5	93.5	93.5	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	-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	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
Microns (Metric)	12.7	19.1	25.4
Weight			
lbs/3000 sq ft (U.S.)	7.2	10.8	14.4
gsm (Metric)	12.0	18.0	24.0

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.

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

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