

WestRock

PolarShield® Frozen Cup

Need ice cream packaging with sweet features? Come right this way.

WestRock PolarShield® Frozen Cup. This clay-coated paperboard cupstock features a strong, poly coating that delivers exceptional moisture resistance. It is crafted and designed to meet the unique requirements of ice cream packaging applications. Inherent strength properties enable this PolarShield variety to stand up to the rigour of multiple cold chain freeze-thaw cycles.



Region

EMEA (Europe, the Middle East and Africa)

Packaging uses

Retail Ice Cream

Cups, Tubs, and Scrounds

Foodservice Ice Cream Cups

Product Classification

Polymer-Coated

Solid Bleached Sulphate

SBS Paperboard

What You Can Expect from Us

- Moisture Resistance** Poly two-sided coating provides exceptional moisture resistance throughout all freeze-thaw cycles.
- Fade Resistance** Contains no Optical Brightening Agents (OBA), so fading risks are minimised.
- Smooth Printability** A clay-coated base provides a smooth surface to maximise printability and promote high graphic standards.
- Compliance** Meets or exceeds strict global food standards.
- Superior Runnability** You can expect outstanding product uniformity and consistent graphics. Both of which help you optimise productivity and reduce waste.
- Clean Cup Forming** Seams stay clean and tight, while rims are smooth with no cracking or tears.

Additional Product Information

- Chain of Custody** 100% PEFC Certified BMT-PEFC-0332
- 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 fibre. Meets heavy metal limits of the US Model Toxics in Packaging rules and Article 11 of EU Directive 94/62/EC.

Grade Availability (EMEA) & Typical Properties

PolarShield® Frozen Cup

Grade Availability							Units	Method	
Nominal Basis Weight		265	280	296	304	324	345	gsm	T-410
Caliper (pts)		0.014	0.015	0.016	0.017	0.018	0.020	inches	T-411
Thickness		356	381	406	432	457	508	microns	T-411
Moisture		6.5	6.5	6.5	6.5	6.5	6.5	percent	T-412
Internal Bond		158	158	158	158	158	158	J/m ²	T-569
ZDT		344	344	344	344	344	344	kPa	T-541
Tear Average		250	260	275	275	285	295	grams	T-414
Stretch									
L&W	MD	2.0	2.0	2.0	2.0	2.0	2.0	percent	T-494
	CD	4.5	4.5	4.5	4.5	4.5	4.5	percent	T-494
Stiffness									
Taber 15°	MD	12.3	12.7	15.7	17.2	20.1	26.5	mNm	T-489
	CD	6.9	7.4	8.8	9.3	10.8	14.7	mNm	T-489
Coated Side									
GE Brightness		86	86	86	86	86	86	percent	T-452
Colour									
Hunter	L	93	93	93	93	93	93	L-a-b	T-527
	a	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	L-a-b	T-527
	b	1.5	1.5	1.5	1.5	1.5	1.5	L-a-b	T-527

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

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

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