

Crescendo® C1S

PRODUCT GUIDE

Quality and beauty in one package.

A recyclable paperboard designed for premium brands, Crescendo® C1S features a bright, clean surface that delivers crisp colours and outstanding printability. It also provides high stiffness and a fade resistant coating that can extend packaging shelf life, while allowing for increased throughput due to its consistency.

Features

- Bright and clean surface for printing
- Clean-white shade and smooth surface
- Uses a unique fibre mix and finishing process
- Reliable consistency
- Uses elemental chlorine free (ECF) bleached fibre
- Uses colour-fast dyes
- Fade-resistant coating
- Broad grammage offerings

Benefits

- Provides outstanding printability
- Can deliver crisp colours due to its bright surface and printability
- Can maintain optimal colour fidelity on press
- Offers a high stiffness
- Can allow for increased throughput on converting and filling equipment
- Provides consistent colour integrity and fade resistance
- Offers extended packaging shelf life
- Can be used across a wide range of printing and packaging options
- Can advance corporate sustainability goals

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.

- Consists of 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.
- Kosher documentation available. Contact your sales representative for further information.

Applications

- Beauty and personal care
- Premium food packaging
- Healthcare
- Media and electronics
- Premium spirits
- Other premium packaging

Product classification

- Solid Bleached Sulphate
- SBS Paperboard
- GZ

Region

- EMEA (Europe, the Middle East and Africa)

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Grade availability (EMEA) and typical board properties

Grade availability									Units	Method	
Nominal basis weight	195	230	260	275	290	320	340	400	gsm	T-410	
Caliper (pts)	0.010	0.012	0.0136	0.0148	0.016	0.0178	0.0194	0.0235	inches	T-411	
Thickness	254	305	345	376	406	452	493	597	microns	T-411	
Moisture content	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	percent	T-412	
Stiffness											
Taber 15°	MD	5.6	8.7	12.6	14.9	18.1	24.0	29.8	46.7	mNm	ISO2493
	CD	2.8	4.4	6.4	7.7	9.1	12.4	15.5	23.7	mNm	ISO2493
L&W 15°	MD	115	180	260	308	376	498	618	967	mN	ISO2493
	CD	59	91	132	158	189	256	320	490	mN	ISO2493
Coated side											
Parker Print	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	µm	ISO 8791-4	
ISO Brightness	91	91	91	91	91	91	91	91	percent	ISO2470	
GE Brightness	92	92	92	92	92	92	92	92	percent	T-452	
CIE Whiteness	122	122	122	122	122	122	122	122	percent	ISO11475	
Colour											
CIE	L*	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	L*	CIELAB
	a*	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	a*	CIELAB
	b*	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	-8.0	b*	CIELAB

Values are subject to change without notice.

For more information, please contact your Smurfit Westrock representative or visit our website at westrock.com/crescendo.

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