



Technical Data Sheet (typical values)

Delipac Crystal High Barrier **C2S** Version : 1.0.0/FQZ

Revision Date: 2025/6/10

	Property	Method	Unit
ATTRIBUTES	Grammage	ISO 536	g/m ²
	Thickness Total	ISO 534	µm
	Moisture	ISO 287	%
	Transparency	ISO 22891	%
	Water Resistance Cobb1800 HS side	ISO 535	gsm
	Water Resistance Cobb1800 Print side	ISO 535	gsm
	Smoothness HS side	ISO5627	S
	Smoothness Print side	ISO5628	S
	Bendtsen Roughness HS side	ISO 8791-2	ml/min
	Bendtsen Roughness Print side	ISO 8791-2	ml/min
BARRIER	Water Vapour Barrier 23°C/85% RH	ISO 2528	g/m ² .d
	Oxygen Barrier		cm ³ /m ² /day
	Grease Resistance	ISO 16532	Kernel Oil
	Grease Resistance	Tappi 559	KIT
MECHANICAL	Heat Seal (HS) on HS side	Induction	1-5 = low -high energy
	Surface energy HS side	ISO 8296	Dyne
	Surface energy print / wet glue side	ISO 8296	Dyne
	Tesile Strength MD	ISO1924-2	kN/m
	Tensile Strength CD	ISO1924-2	kN/m
	TEA MD ⁶	ISO1924-2	J/m ²
	TEA CD ⁶	ISO1924-2	J/m ²
	Elmendorf Tear ⁷	ISO 1974	mN
	Repulpability	CEPI 2	Suitable for Standard Mill recycling. Scale -100% to +100%

Suitable for flow wraps, cold seal, window patching etc

50g/m ²	70g/m ²
48	70
38	55
7.5±1.0	7.5±1.0
>80	>80
<10	<10
<20	<20
75	170
70	100
65	40
80	70
< 10	< 10
<1.0	<1.0
Level 1	Level 1
>12	>12
2.5	2.5
<34	<34
40-42	40-42
4	5
1.6	2
70	110
60	75
125	170
+95% Best in class	+95% Best in class