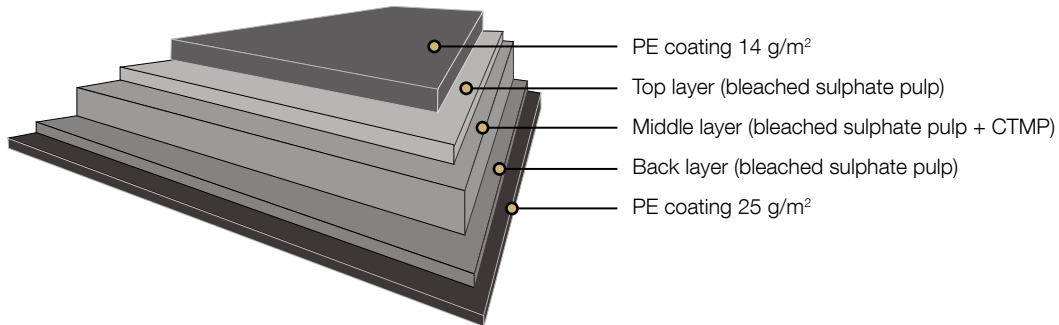


Natura 2PE Board

Bleached liquid packaging board



ISO 9001

Issued: 02.2010
Cancels: 02.2009

Specifications for Natura 2PE Board

	14+228+25	14+240+25	14+240+25	14+253+25	14+256+25	14+265+25	14+265+25	14+275+25	14+281+25	14+297+25	14+330+25	14+370+25	Standards
Polymer coated board:													
Grammage, g/m ²	267	279	279	292	295	304	304	314	320	336	369	409	ISO 536
PE Topside, g/m ²	14	14	14	14	14	14	14	14	14	14	14	14	Mill method
PE Reverse, g/m ²	25	25	25	25	25	25	25	25	25	25	25	25	
Thickness, µm	369	400	430	440	454	460	479	485	492	529	575	615	ISO 534
Baseboard:													
Grammage, g/m ²	228	240	240	253	256	265	265	275	281	297	330	370	ISO 536
Thickness, µm	335	370	397	410	425	436	450	460	463	500	545	585	ISO 534
Bending moment Taber 15° MD, mNm	14.8	15.5	19.8	20.8	22.9	24.6	28.0	28.9	30.7	36.7	45.3	53.4	ISO 2493
Bending moment Taber 15° CD, mNm	5.7	5.8	7.9	7.6	9.2	8.5	10.9	10.4	11.9	14.3	15.3	19.3	
Bending moment Taber GM, mNm	9.2	9.5	12.5	12.6	14.5	14.5	17.4	17.4	19.1	22.9	26.3	32.1	
Bending resistance L&W 15° MD, mN	306	320	415	430	477	510	580	600	635	760	938	1105	ISO 2493
Bending resistance L&W 15° CD, mN	118	119	162	158	188	176	223	216	242	303	317	400	
Bending resistance L&W GM, mN	190	195	260	260	300	300	360	360	392	480	545	665	
Moisture, %	6.2	6.5	6.2	6.5	6.2	6.5	6.2	6.5	6.2	6.2	6.5	6.5	ISO 287
Brightness D65/10°, Top	79	79	79	79	79	79	79	79	79	79	79	79	SCAN-P3
Surface Smoothness, Bendtsen, ml/min	350	400	400	400	400	400	400	400	400	450	400	550	ISO 8791
Density, kg/m ³	681	649	605	617	602	608	589	598	607	594	595	632	
Packaging size suggestion, ml	<500	<500	<500	<500	<1000	<1000	1000	1000	1000	1500	1500	2000	
Production line	BM4	BM7	BM4	BM7	BM4	BM7	BM4	BM7	BM4	BM4	BM7	BM7	

Stora Enso liquid packaging boards are

- Made of a renewable natural resource, wood
- FDA & BfR food contact approved
- Good material for recycling
- Safe to dispose of by incineration
- There is also possibility of special PE-coatings for special purposes

All properties according to Imatra and Skoghall Mills' measurements.

Test climate 23°C/50% RH (According to ISO 187). In order to verify, reel/pallet average shall be based on 5 single measurements randomly sampled within the reel/pallet. These averages will be for at least 19 of 20 reels/pallets within the specification limits.

Imatra and Skoghall Mills have certified FSC and PEFC Chain-of-Custody (CoC) systems as well as certified hygiene management system.

FSC: certificate registration code DNV-COC/CW-000370
PEFC: certificate registration no. 94721-2011-AE-FIN-FINAS

