



ITC PAPERBOARDS & SPECIALTY PAPERS DIVISION

UNIT BHADRACHALAM



PRODUCT SPECIFICATION SHEET

Grade Name : INDOBASE / TRIPLEX
Grade Id : MFTX/MGTH/MGTF/TXG/TXF/MFTF

Issued On: 01/04/2020
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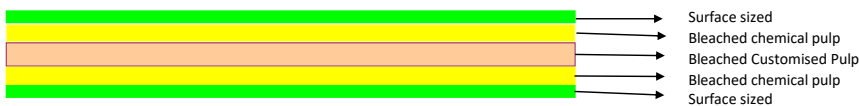
SUBSTANCE (GSM) (Avg) QS/TM/55 Tappi T 410	CALIPER (µM) (Avg) QS/TM/06 Tappi T 411	CALIPER (Pts)	BENDING RESISTANCE (L&W) mN			BENDING MOMENT (Taber 15°) mNm			TABER STIFFNESS (Taber 15°) gf.cm					
			QS/TM/33 Tappi T 556			QS/TM/33 Tappi T 489			Tappi T 489					
			MD	CD	GM	MD	CD	GM	MD	CD	GM			
140	189	7.4	35	15	23	1.7	0.7	1.1	17	7	11			
150	203	8.0	40	18	27	1.9	0.9	1.3	20	9	13			
155	209	8.2	48	22	32	2.3	1.1	1.5	24	11	16			
160	216	8.5	50	23	34	2.4	1.1	1.6	25	11	17			
163	220	8.7	52	24	35	2.5	1.2	1.7	26	12	17			
165	223	8.8	54	25	37	2.6	1.2	1.8	27	12	18			
170	230	9.1	61	28	42	2.9	1.4	2.0	30	14	21			
175	236	9.3	69	32	47	3.3	1.5	2.3	34	16	23			
180	243	9.6	82	38	56	4.0	1.8	2.7	40	19	27			
190	257	10.1	93	43	63	4.5	2.1	3.1	46	21	31			
200	270	10.6	103	48	70	5.0	2.3	3.4	51	24	35			
205	277	10.9	109	51	74	5.3	2.5	3.6	54	25	36			
210	284	11.2	117	54	79	5.7	2.6	3.8	58	27	39			
220	297	11.7	134	62	91	6.5	3.0	4.4	66	31	45			
230	311	12.2	151	70	103	7.3	3.4	5.0	74	34	51			
240	324	12.8	158	73	108	7.6	3.5	5.2	78	36	53			
250	338	13.3	188	87	128	9.1	4.2	6.2	93	43	63			
260	351	13.8	225	96	147	10.9	4.6	7.1	111	47	72			
270	365	14.4	238	110	162	11.5	5.3	7.8	117	54	80			
280	378	14.9	281	130	191	13.6	6.3	9.2	138	64	94			
290	392	15.4	311	143	211	15.0	6.9	10.2	153	70	104			
300	405	15.9	330	153	225	15.9	7.4	10.9	163	75	111			
310	419	16.5	352	163	239	17.0	7.9	11.5	173	80	118			
320	432	17.0	359	166	244	17.3	8.0	11.8	177	82	120			
330	446	17.6	380	176	258	18.4	8.5	12.5	187	87	127			
340	459	18.1	402	186	273	19.4	9.0	13.2	198	92	135			
350	473	18.6	422	195	287	20.4	9.4	13.9	208	96	141			
TOL: ± 3%			± 5%			± 5%			-15%			-15%		

PARAMETER	UNITS	VALUE
PLY BOND (Avg.) QS/TM/40, Tappi T 569	J/m ²	200 MIN
ROUGHNESS PPS (Avg.) GSM ≤ 300	µm	250 MAX 800 MAX
TOP BACK		
GSM > 300	µm	350 MAX 1200 MAX
TOP BACK		
QS/TM/48, ISO 8791-2		
BRIGHTNESS ISO	%	80 (-3)
TOP & BACK		
QS/TM/77, Tappi T 452		
SURFACE STRENGTH WAX PICK	NUMBER	10A MIN
TOP & BACK		
QS/TM/62, Tappi T 459		
STRECH	%	2.20 MIN 5.50 MIN
MD CD		
QS/TM/27, Tappi T 480		
EDGEWICK - LA/23	Kg/m ² /Hour	1.40 MAX
QS/TM/22, TP84010		
COBB (60 Sec)	GSM	35 MAX 35 MAX
TOP BACK		
QS/TM/09, Tappi T 441		
MOISTURE	%	7.0 ± 1.0 8.0 ± 1.0
GSM ≤ 300		
GSM > 300		
QS/TM/35, Tappi T 412		

MILL CERTIFICATIONS	
Manufacturing	ISO 9001: 2015, ISO 14001:2015, BRC Global Standard, Issue-5
Environmental & Safety	FSC® CoC, Light ECF, CII GreenCo Platinum, OHSAS 18001: 2007
FOOD CONTACT COMPLIANCE	
USFDA	CFR 21 176.170 CFR 21 176.180
REACH SVHCs	Article 57, EC1907/2006, ECHA
ROHS/BIR XXXVI	EC1907/2006 EU2015/863 RoHS-EU/65/2011
CALIFORNIA PROPOSITION 65	NOT REQUIRED
AIPS German Standards	AIPS GS 2014.01 PAK
QUALITY INSPECTION & SERVICE LABORATORIES	
Fully NABL Accredited	

NOTE
1. All Properties are according to ITC PSPD Measurements
2. Test Climate 23°C ± 1 & 50% ± 2 RH
3. Tolerances are based upon 95% Confidence limits of single mill measurements of conditioned random samples

CONSTRUCTION



KEY USAGE

FOOD SERVICE BOARD	LIQUID CONTAINER	F&B	OBA-FREE