



### Product applications

Powder laundry detergent packaging, Point of Sale displays, premium food packaging, electronic items, among other products that require high performance and superior presentation paperboard packaging.

Propriedade   Property   Propiedad		Unidade   Unit   Unidad	Método   Method	Tolerância   Tolerance   Tolerancia	—	205	227	233	250	276	285	312	332	360
Gramatura   Grammage   Gramaje		g/m <sup>2</sup>   gsm	Tappi T-410	± 5%	—	205	227	233	250	276	285	312	332	360
Espessura   Thickness   Espesor		µm	ISO 534	± 5%	—	252	288	328	375	393	455	505	540	600
Espessura   Caliper   Calibre		pt	Calculado   Calculated	—	—	10	11	13	15	16	18	20	21	24
Rigidez   Bending resistance	L&W	mN	Tappi T-556	-15%	L   MD	124	187	230	303	390	595	825	1000	1050
					T   CD	52	71	98	132	173	262	360	422	520
					G   GM	80	115	150	200	260	395	545	650	739
Rigidez   Bending moment	Taber	mN.m	Calculado   Calculated	-15%	L   MD	6,0	9,0	11,1	14,6	18,8	28,7	39,9	48,3	50,7
					T   CD	2,5	3,4	4,7	6,4	8,4	12,7	17,4	20,4	25,1
					G   GM	3,9	5,6	7,2	9,7	12,6	19,1	26,3	31,4	35,7
	Taber	gf.cm	Calculado   Calculated	-15%	L   MD	61	92	113	149	192	293	406	493	517
					T   CD	26	35	48	65	85	129	177	208	256
					G   GM	39	57	74	99	128	195	268	320	364
Aspereza Bendsen   Bendsen Roughness		mL/min	ISO 8791-2	<300	C   T	100								
PPS		µm	ISO 8791-4	<3,0	C   T	1,5								
Cobb Teste   Cobb Test		gH <sub>2</sub> O/m <sup>2</sup>	Tappi T-441	±40%	C   T	40								
Umidade   Moisture   Humedad		%	on line	±2,0	—	7,5								
Color	—	—	ISO 2469	±0,7	L	92,7								
				±0,25	a*	0,00								
				±0,5	b*	2,2								

Testing environment 23 ± 1°C and 50 ± 2% R.H. • Tolerances based on 95% confidence limits  
 • Bending moment Taber 15° calculated from Bending Resistance L&W 15° obtained by Tappi T-556  
 • Specification subject to revision.

