



J.D. IRVING, LIMITED

Lake Utopia Paper

PRODUCT SPECIFICATIONS

Typical Properties—Corrugating Medium							
BASIS WEIGHT	Target (lb)	23.0	26.0	31.0	33.0	36.0	40.0
	Min (lb)	21.8	24.7	29.4	31.3	34.2	38.0
	Target (gsm)	112	127	150	161	176	195
	Min (gsm)	106	121	142	153	167	185
CONCORA	Target (lbf)	55	65	77	81	86	89
	Min (lbf)	50	54	62	65	70	72
	Target (N)	245	289	343	360	383	396
	Min (N)	222	240	276	289	311	320
RING CRUSH	Target (lbf)	28	35	49	54	61	66
	Min (lbf)	25	29	42	46	55	58
	Target (N)	125	156	218	240	271	294
	Min (N)	111	129	187	205	245	258
POROSITY	Min (seconds)	10	10	10	10	10	10
WATER DROP	Min (seconds)	5	5	5	5	5	5
CALIPER	Target (0.001")	8.6	9.2	10.9	11.5	12.4	13.0
	Min (0.001")	7.0	8.0	9.5	10.0	10.5	11.0
	Target (Microns)	218	234	277	292	315	330
	Min (Microns)	178	203	241	254	267	279
MOISTURE	Target (%)	9.0	9.0	9.0	9.0	9.0	9.0
	Max (%)	11.5	11.5	11.5	11.5	11.5	11.5

Lake Utopia Paper Offers:

- World class quality and services in production of corrugating medium.
- Made from prime Canadian hardwoods, and cooked by NSSC process.
- Excellent performance in demanding applications.
Basis weights ranging from 23# to 40# (112 - 195 gsm).



Typical Properties—High Performance Corrugating Medium							
BASIS WEIGHT	Target (lb)	24.5	26.0	28.7	30.0	33.0	36.0
	Min (lb)	23.0	24.7	27.3	28.4	31.3	34.2
	Target (gsm)	120	127	140	146	161	176
	Min (gsm)	114	121	133	139	153	167
CONCORA	Target (lbf)	80	85	91	105	120	125
	Min (lbf)	75	80	86	100	110	115
	Target (N)	356	378	404	467	534	556
	Min (N)	334	356	382	445	489	512
RING CRUSH	Target (lbf)	45	50	62	65	70	79
	Min (lbf)	42	45	56	60	65	73
	Target (N)	200	222	275	289	311	351
	Min (N)	187	200	249	267	289	325
POROSITY	Min (seconds)	10	10	10	10	10	10
WATER DROP	Min (seconds)	5	5	5	5	5	5
CALIPER	Target (0.001")	8.6	9.2	10.9	10.9	11.5	12.4
	Min (0.001")	7.0	8.0	9.5	9.5	10	10.5
	Target (Microns)	218	234	277	277	292	315
	Min (Microns)	178	203	241	241	254	267
MOISTURE	Target (%)	8.0	8.0	8.0	8.0	8.0	8.0
	Max (%)	11.5	11.5	11.5	11.5	11.5	11.5

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Typical Properties—Liner					
BASIS WEIGHT	Target (lb)	23.0	26.0	33.0	35.0
	Min (lb)	21.8	24.7	31.3	34.2
	Target (gsm)	112	127	161	171
	Min (gsm)	106	121	153	167
POROSITY	Min (seconds)	10	10	10	10
WATER DROP	Min (seconds)	5	5	5	5
CALIPER	Target (0.001")	8.6	9.2	11.5	12.4
	Min (0.001")	7.0	8.0	10.0	10.5
	Target (Microns)	218	234	292	315
	Min (Microns)	178	203	254	267
MOISTURE	Target , APR-OCT (%)	6.5	6.5	6.5	6.5
	Target , NOV-MAR (%)	7.0	7.0	7.0	7.0

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