

	Universal Packaging Company (Pvt) Ltd		Effective Date
	Certificate Of Analysis		12.12.2022
	REC-QA-34-22		Rev:0
			Page 1 of 1

Customer Name:	UNILEVER	Job Name:	REEL SFXL RS.10 FOUR LANE
Job card #:	23090063	Structure:	PET (10μ) + M.LDPE (30μ)
Dispatched Date:	21-Sep-23	Production Date:	13/Sep/23
Best Before:	6 Months	Sampling Plan:	SOP-QA-11-19
Vechile Number:	JT-4426	Dispatch Quantity:	831,494.00 Pcs

S.NO	Parameters	Target	Min	Max	Test method	Unit	Results
1	Grammage	43.92	40.23	47.61	ISO 536	g/m ²	46.9
2	Reel Width	944	943	945	Internal	mm	944
3	Coef of Fr. Dynamic face\face	0.25	0.22	0.28	ASTM D1894	Number	0.24
4	Coef of Fr. Dynamic Reverse\Reverse	0.23	0.2	0.26	ASTM D1894	Number	0.26
5	Coef of Fr. Static face\face	0.23	0.2	0.26	ASTM D1894	Number	0.23
6	Coef of Fr. Static Reverse\Face	0.25	0.22	0.28	ASTM D1894	Number	0.25
7	Lamination Strength	1.25	1.1	-	F 904-98	N/15mm	2.1
8	Repeat Length	113	112	114	Internal	mm	113
9	Seal Strength	30	22	-	ASTM F88	N/15mm	28
10	Tensile Strength @ Break - F max (CD)	35	27	-	ASTM D882	N/15mm	59
11	Tensile Strength @ Break - F max (MD)	30	22	-	ASTM D882	N/15mm	57
12	Thickness	42.32	38.59	46.05	DIN 53370	μ	42-45
13	Weight	1.17	1.07	1.27	UMA-1324	g	1.21

Remarks: Storage condition, Temperature should be below 30°C & 50% humidity.

Note: System generated document signature donot required.

Universal Packaging Company(pvt) Ltd. Plot No : GA-65-66-A4-A5, Korangi Creek National Industrial park, Korangi Town
Karachi,Pakistan