

	Universal Packaging Company (Pvt) Ltd		Effective Date
	Certificate Of Analysis		12.12.2022
	REC-QA-34-22		Rev:0
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Customer Name:	UNILEVER	Job Name:	REEL SFXL RS.10 Q1'23 4L (FOUR LANE)
Job card #:	23100173	Structure:	PET (10μ) + M.LDPE (30μ)
Dispatched Date:	26-Oct-23	Production Date:	22/Oct/23
Best Before:	6 Months	Sampling Plan:	SOP-QA-11-19
Vechile Number:	JU-0378	Dispatch Quantity:	3,628,284.00 Pcs

S.NO	Parameters	Target	Min	Max	Test method	Unit	Results
1	Grammage	43.92	40.23	47.61	ISO 536	g/m <sup>2</sup>	45.5
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	0.23
4	Coef of Fr. Dynamic Reverse\Reverse	0.23	0.2	0.26	ASTM D1894	Number	0.25
5	Coef of Fr. Static face\face	0.23	0.2	0.26	ASTM D1894	Number	0.22
6	Coef of Fr. Static Reverse\Face	0.25	0.22	0.28	ASTM D1894	Number	0.26
7	Lamination Strength	1.25	1.1	-	F 904-98	N/15mm	2.2
8	Repeat Length	113	112	114	Internal	mm	113
9	Seal Strength	30	22	-	ASTM F88	N/15mm	29
10	Tensile Strength @ Break - F max (CD)	35	27	-	ASTM D882	N/15mm	58
11	Tensile Strength @ Break - F max (MD)	30	22	-	ASTM D882	N/15mm	56
12	Thickness	42.32	38.59	46.05	DIN 53370	μ	42-45
13	Weight	1.17	1.07	1.27	UMA-1324	g	1.22

**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