

**Universal Packaging Company (Pvt) Ltd****Certificate Of Analysis**

REC-QA-34-22

Effective Date

12.12.2022

Rev:0

Page 1 of 1

Customer Name:	UNILEVER	Job Name:	OW KNORR CHATTPATTA 66G (NACL)
Job card #:	23040003	Structure:	PET (12μ)+BOPP.COM (18μ)
Dispatched Date:	2-May-23	Sampling Plan:	SOP-QA-11-19
Best Before:	6 Months	Dispatch Quantity:	10421.36 Kg
Vechile Number:	JV-6679		

S.NO	Parameters	Standard	Test method	Unit	Results
1	Grammage	35-41	ISO 536	g/m ²	38.7
2	Width	269-271	Internal	mm	270
3	Coef of Fr. Dynamic Face/Face	0.229-0.232	ASTM-D1894	Number	0.23
4	Coef of Fr. Dynamic Reverse/Face	0.318-0.323	ASTM-D1894	Number	0.32
5	Coef of Fr. Dynamic Reverse/Metal	0.17-0.201	ASTM-D1894	Number	0.195
6	Coef of Fr. Dynamic Reverse/Reverse	0.337-0.358	ASTM-D1894	Number	0.345
7	Coef of Fr. Static Face/Face	0.238-0.244	ASTM-D1894	Number	0.239
8	Coef of Fr. Static Face/Metal	0.18-0.201	ASTM-D1894	Number	0.19
9	Coef of Fr. Static Reverse/Face	0.337-0.358	ASTM-D1894	Number	0.342
10	Coef of Fr. Static Reverse/Metal	0.18-0.212	ASTM-D1894	Number	0.196
11	Repeat Length	159-161	Internal	mm	160
12	Seal Strength	4.5	ASTM F88	N/15mm	6.1
13	Thickness	32.5-37.5	DIN 53370	μm	35
14	Lamination Quality	N/A	ASTM-F904	N/A	OK
15	Print Quality	N/A	Visual Test	N/A	OK
16	Machineability	N/A	Undefined	N/A	OK
17	Odour in Laminates	N/A	ISO-13302	N/A	OK

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

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