



MAGPET POLYMERS PVT. LTD.

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MAGPET CERTIFICATE OF ANALYSIS (COA)

Customer Name	L S TRADING (23-24) MASHILA BHURKUNDI TALA ANDUL MOURI HOWRAH 711302	Document no.	MPPL/QAC/0195
Factory address	Magpet Polymers Pvt. Ltd., Vill - Somsara, PO- Harnal, PS- Dadpur, N.H-2 Hooghly, 712149 (WB)	Production Batch no.	N1123K2B
Resin name & grade	ASPET /AS-22CJ	Invoice no. & Date	ARK/2324/04897 Dt: 16-03-2024
Jar weight	690 gm	Production date	30-12-2023
Date of Inspection	15-03-2024	Total Quantity	300

Sr. no	Parameters	Specifications		Observations
A	Appearance	Should be free from all visual defects		Satisfactory
B	Resin material	PET resin confirming to IS 12252 : 1987		Satisfactory
C	I.V of Resin Grade (dl/gm)	0.89 ± 0.02		Satisfactory
E	Color	Transperent/ Colorless		Transperent
F	Neck Specification	Specification	Units	Observation
1	Weight	690 ± 5.0	gm	690.72
2	Neck Inner Diameter	46.30 ± 0.10	mm	46.36
3	Neck Outer Diameter of Push Ring	55.00 ± 0.10	mm	54.92
4	Neck Outer Diameter at Push Ring base	52.20 ± 0.10	mm	52.26
5	Neck Outer Diameter of Middle Ring	55.08 ± 0.10	mm	55.08
6	Collar outer diameter	54.9 ± 0.10	mm	54.94
7	Neck Ring Height From Top	40.27 ± 0.10	mm	40.24
8	Length of Push ring	7.54 ± 0.10	mm	7.52
9	Length of Middle ring	20.93 ± 0.10	mm	20.86
G	Blown Jar Specification	Specification	Units	Observation
1	Total height	506 ± 3.00	mm	506.72
2	Top ring dia 1	267.0 ± 3.00	mm	266.36
3	Top ring dia 2	267.0 ± 3.00	mm	268.54
5	Bottom ring dia. 1	267.0 ± 3.00	mm	267.46
6	Bottom ring dia. 2	267.0 ± 3.00	mm	266.58
7	Base height	73.0 ± 0.20	mm	73.33
8	Wall Thickness			
	Top	1.10 ± 0.02	mm	1.14
	Middle	0.70 ± 0.02	mm	0.74
	Bottom	0.90 ± 0.02	mm	0.96
9	Brimful capacity	20300 ± 100	ml	20350
10	Top Load	Above 85	kgf	105.06
11	Identification on jar	Capacity marked on Bottom		Satisfactory
		ISI marked on Bottom		Satisfactory
		PET RECYCLE Symbol & Recycle Code 1 on BOTTOM		Satisfactory
12	Gate Point	Should be at center		Satisfactory
13	Leakage test	1. Vibration Leakage		Satisfactory
		2. Air Pressure Leakage		Satisfactory
		3. Closure Leakage		Satisfactory
14	Drop test	Should not rupture or leak		Satisfactory
15	Preform Acetaldehyde Content	NMT 8	ppm	5.6
16	Caps overall migration in Water	Overall Migration	mg/l	8.4
		Colour Migration	Visual	No visual colour migration observed
17	Blown jar Overall Migration in Water	As per IS : 9845 NMT 60 mg/l or 10 mg/dm ²	mg/dm ²	<1.0
		Colour Migration	Visual	No visual colour migration observed
18	Transparency	Min. 85 %		91.5
19	Resin material Food Grade	As per IS:10141: 1982		Satisfactory
20	Water Potability Test	As per CI.4.6.6 of IS:15410		Satisfactory

For Magpet Polymers Pvt. Ltd.,



Authorised Signatory