



CERTIFICATE OF ANALYSIS

FORMAT ID: BPS-FMT-COA-003	REVISION: 00	EFFECTIVE DATE: 22.07.2024	PAGE: 1 of 2
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01 Certificate and Product Details

Certificate no.	1240715734	Certificate date	22.07.2024
Item code	BPS-ABF-130-2407-C	Item name	BENZPACK Aluminum Barrier Film 130 GSM
Batch / lot no.	ABF130-0724-C05	Batch quantity	5,520 KG
Standard size / gauge	130 GSM	Date of manufacturing	15 July 2024
Best before	14 July 2026	Date of test	21 July 2024
Customer name	Southern Mobility OEM	Customer PO no.	SMO/2407/PO-305
Invoice no.	BPS/24-25/1286	Quantity shipped	5,040 KG
Specification ref.	BENZPACK Aluminum Barrier Film TDS Rev. 01	Customer item code	SMO-ABF130

Release statement: The material identified above has been sampled and evaluated against the approved BENZ product specification and released for dispatch where the reported results conform to the stated limits.

02 Inspection and Test Results

Test parameter	Protocol	Unit	Min. value	Max. value	Test value
Total GSM (Avg.)	BPS-QA-02	g/m ²	123.5	136.5	129.6
Laminate Structure	BPS-QA-104	Visual / Construction	PET / AL / PE	NA	PET / AL / PE
Odour	BPS-QA-105	Organoleptic	None	NA	None
Polymer Layer Melt Flow Rate	BPS-QA-106	g/10 min	3.5	4.5	3.8
Density	BPS-QA-107	kg/m ³	1050	1150	1091
Seal Width	BPS-QA-86	mm	8	12	9.7
Elongation (MD)	BPS-QA-23	% (MD)	80	100	89.1
Elongation (TD)	BPS-QA-23	% (TD)	75	95	84.2
Breaking Stress	BPS-QA-108	kgf/mm ²	8.5	10.5	9.3
Sealing Temperature Range	BPS-QA-109	°C	165	190	172
Inner Surface Resistivity	BPS-QA-110	Ω/sq	1 × 10 ⁹	1 × 10 ¹¹	9.2 × 10 ⁹
WVTR	BPS-QA-45	g/m ² /24 h	NA	0.05	0.04
Seal / Leak Integrity Test	BPS-QA-90	Pass / Fail	Pass	NA	Pass
Delamination Check	BPS-QA-111	Visual	No Delamination	NA	No Delamination

Pinhole / Surface Defect Check	BPS-QA-112	Visual	Pass	NA	Pass
Appearance / Physical Condition	BPS-QA-94	Visual	Conforms	NA	Conforms

03 Confirmation and Shipping Data

Confirmation	We hereby confirm that the material under this certificate conforms to our manufacturing specification.
Status	YES conforms to our manufacturing specification
Deviation option	Does not conform, but accepted against approved deviation / validation, if specifically authorised.
TDS declaration	It is further confirmed that the product conforms to the current published technical data sheet and approved specification.

Shipping data

Customer name	Southern Mobility OEM
Ship to name	Pantnagar, Uttarakhand
Customer PO number	SMO/2407/PO-305
Customer item code	SMO-ABF130
Invoice no.	BPS/24-25/1286
Quantity shipped	5,040 KG

Certificate note: This COA is system generated by BENZ Packaging Solutions Pvt. Ltd. and is valid without signature, unless customer or regulatory requirements specify authorised sign-off.