



CERTIFICATE OF ANALYSIS

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01 Certificate and Product Details

Certificate no.	1220105227	Certificate date	19.01.2022
Item code	BPS-ABF-130-2201-A	Item name	BENZPACK Aluminum Barrier Film 130 GSM
Batch / lot no.	ABF130-0122-A05	Batch quantity	5,090 KG
Standard size / gauge	130 GSM	Date of manufacturing	12 January 2022
Best before	11 January 2024	Date of test	18 January 2022
Customer name	Northern Precision OEM	Customer PO no.	NPO/2201/PO-113
Invoice no.	BPS/21-22/1189	Quantity shipped	4,680 KG
Specification ref.	BENZPACK Aluminum Barrier Film TDS Rev. 01	Customer item code	NPO-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	129.7
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	3.9
Density	BPS-QA-107	kg/m ³	1050	1150	1093
Seal Width	BPS-QA-86	mm	8	12	9.7
Elongation (MD)	BPS-QA-23	% (MD)	80	100	89.6
Elongation (TD)	BPS-QA-23	% (TD)	75	95	84.4
Breaking Stress	BPS-QA-108	kgf/mm ²	8.5	10.5	9.4
Sealing Temperature Range	BPS-QA-109	°C	165	190	173
Inner Surface Resistivity	BPS-QA-110	Ω/sq	1 × 10 ⁹	1 × 10 ¹¹	9.8 × 10 ⁹
WVTR	BPS-QA-45	g/m ² /24 h	NA	0.05	0.03
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	Northern Precision OEM
Ship to name	Pithampur, Madhya Pradesh
Customer PO number	NPO/2201/PO-113
Customer item code	NPO-ABF130
Invoice no.	BPS/21-22/1189
Quantity shipped	4,680 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.