



CERTIFICATE OF ANALYSIS

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01 Certificate and Product Details

Certificate no.	1250101421	Certificate date	18.01.2025
Item code	BPS-VF-150-2501-A	Item name	BENZPACK VCI Film 150 Microns
Batch / lot no.	VF150-0125-A17	Batch quantity	4,800 KG
Standard size / gauge	150 Microns	Date of manufacturing	12 January 2025
Best before	11 January 2027	Date of test	17 January 2025
Customer PO no.	APX/PO/2501/118	Quantity shipped	4,200 KG
Invoice no.	BPS/25-26/0412	Customer item code	APX-VF-150

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	SQM	NA	NA	138.6
Thickness, (Avg.)	BPS - QA - 32	MM	140	160	152
Ultimate Tensile Strength (MD)	BPS - QA - 23	N/mm2 (MD)	28	30	28.9
Ultimate Tensile Strength (TD)	BPS - QA - 23	N/mm2 (TD)	32	35	33.4
WVTR	BPS - QA - 45	Grm /SQM/24 Hrs	1.0	1.8	1.6
Heat Seal Strength	BPS - QA - 18	grms / 10 mm	1700	1880	1818
VCI Concentration	BPS - QA - 03	Percentage	10	NA	10.2
Dart Drop (VCI Film)	BPS - QA - 76	550 gm min	550	625	588
Condensation Test	BPS - QA - 48	DVI 514	Pass	NA	Pass
German VIA Test	BPS - QA - 49	TL 8135 - 0002	Pass	NA	Pass
American FED Test	BPS - QA - 50	FED-101C-4041	Pass	NA	Pass
VCI Razor Blade Test	BPS - QA - 74	ASTM G 31 - 72	Pass	NA	Pass

Part Protection Properties	BPS - QA - 53	TL 8135 - 0043	1 Year	2 Years	2 Years
Shelf Life	BPS - QA - 51	TL 8135 - 0002	2 Years	NA	2 Years
VCI Checking (Humidity C)	BPS - QA - 63	ASTM D 1748	Inner Face	NA	Inner Face

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

Ship to location	Pune, Maharashtra
Customer PO number	APX/PO/2501/118
Customer item code	APX-VF-150
Invoice no.	BPS/25-26/0412
Quantity shipped	4,200 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.