

Technical Specification for JVPC case

1. Material- LLDPE (Linear Low Density Polyethylene)

Grade: 36RA045UV or Equivalent

2. Process- Rotational Molding.

3. Colour- Olive Green

Standard: **AM 10455 Green Rotopol**

4. Separator Sheet –Woodstock Sheet

Specification:

Sr.No.	Speciflcation	Standards	UOM	Tolerance	
1	Specific Gravity	I.S.O. 1183/1970	g/cm ³	Max.:	1.11
				Min.:	1.06
2	Flexural Strength Long.	I.S.O. 178/1993	Mpa	>=	40
3	Flexural Strength Trasv.	I.S.O. 178/1993	Mpa	>=	30
4	Modulus of Elasticity under Flexural Long.	I.S.O. 178/1993	Mpa	>=	3500
	Modulus of Elasticity under Flexural Trasv.				
5		I.S.O. 178/1993	Mpa	>=	2400
6	Heat Distortion Temperature Long.	I.S.O. 75	°C	>	100
	Heat Distortion Temperature Trasv.				
7		I.S.O. 75	°C	>	81

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CM/DDO

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ANNEXURE 'A' OF DRG. NO. SK-JVPC-1072

8	Tensile Strength Long.	I.S.O. 527-1	Mpa	>	17
9	Tensile Strength Trasv.	I.S.O. 527-1	Mpa	>	12
10	Ultimate Elongation Long.	I.S.O. 527-1	%	>	1.00
11	Ultimate Elongation Trasv.	I.S.O. 527-1	%	>	0.90
12	Charpy Impact Strength Long.	I.S.O. 179-2	KJ/m ²	>	4.00
13	Charpy Impact Strength Trasv.	I.S.O. 179-2	KJ/m ²	>	3.00
14	Water Absorption	I.S.O. 62	%	<	4
15	Burning Test	DIN 75200	mm/min	<=	100

5. Foam(TOP & BOTTOM) – XLPE Foam (Crosslink Polyethylene Foam)
Magazine Tray – XLPE Foam (Crosslink Polyethylene Foam)

Specification:

<u>Sr.No</u>	<u>Particulars</u>	<u>Unit</u>	<u>Standard</u>
1	Density	Kg/m ³	75.0 (+/-10)
2	Color	BLACK	BLACK

6. Weight of Carrying Case – 20.96 Kg (Lid & Box Only).
7. Ingress Protection – IP 67.
8. Internal Dimension of Carrying Case- 1011 x 518 x 334mm.
External Dimension of carrying Case- 1138 x 648 x 421 mm.


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10. Drop test- To comply Drop test from 1 meter height on 6 faces with payload no crack or breakage should be found.
11. Latches – MS material as Per IS 2062 (Cathode electro deposition Coating, Thickness -15 μ withstands 1000 hours Salt spray)
12. Hinges – MS material as Per IS 2062 (Cathode electro deposition Coating, Thickness-15 μ withstands 1000 hours Salt spray)
13. Padlock - MS material as Per IS 2062 (Cathode electro deposition Coating, Thickness -15 μ withstands 1000 hours Salt spray)
13. Gasket – Neoprene Gasket (8 x 8 mm)
14. Rivet- Aluminium
15. Safe Stackable
16. Nylon Wheel for easy Handling (70 x 95mm)


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