

Technical Data Sheet

PVdC coated APET FILM (Non Toxic Food/Pharma Grade Material)

Complex : 250 μ x 40 GSM				
Color Range : Clear & other colors upon request				
Sr.No.	Properties	Test Method	Unit	Specification
1	Color & Appearance	In-house	---	As per standard sample
2	Thickness of Rigid PVC film	DIN 53370	microns	250 ± 10%
3	Total Thickness	DIN 53370	microns	275 ± 10%
4	GSM of Rigid PVC film	DIN 2286	gm/m ²	332 ± 10%
5	GSM of PVDC film	DIN 2286	gm/m ²	40 ± 3
6	Total GSM	DIN 2286	gm/m ²	372 ± 10%
7	Dimensional Changes - Longitudinal	ASTM D1204	%	-5.0
	Dimensional Changes - Transversal			+3.0
8	Dart Impact Strength (from height of 1.52 mtrs)	ASTM D1709	gm	350 min.
9	Tensile Strength - Longitudinal	ASTM D882	kg/Sq.cm	450 min.
	Tensile Strength - Transverse			450 min.
10	Elongation - Longitudinal	ASTM D882	%	5 min.
	Elongation - Transverse			5 min.
11	WVTR @ 38°C & 90% RH	ASTM F1249	gm/m ² /24 hr.	1.0 max
13	Forming Temperature	In-house	°C	110 -170
14	Toxicity Test	USP Current Edition	-	Non-toxic
16	Identification - APET	FTIR	-	As per Standard IR spectrum
17	Identification - PVDC	In-house	-	Color of PVdC layer shall turn brown
20	Inner Diameter of Core	In-house	mm	76 +/- 1
21	Width	In-house	mm	Std. +/- 1