

Technical Data Sheet

APET FILM

(Non Toxic Food/Pharma Grade Material)

Thickness : 250 μ				
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	GSM of Rigid PVC film	DIN 2286	gm/m ²	332 ± 10%
4	Dimensional Changes - Longitudinal	ASTM D1204	%	-5.0
	Dimensional Changes - Transversal			+3.0
5	Dart Impact Strength (from height of 1.52 mtrs)	ASTM D1709	gm	350 min.
6	Tensile Strength - Longitudinal	ASTM D882	kg/Sq.cm	450 min.
	Tensile Strength - Transverse			450 min.
7	Elongation - Longitudinal	ASTM D882	%	5 min.
	Elongation - Transverse			5 min.
8	WVTR @ 38°C & 90% RH	ASTM F1249	gm/m ² /24 hr.	3.0 max
9	Forming Temperature	In-house	°C	110 -170
10	Toxicity Test	USP Current Edition	-	Non-toxic
11	Identification	FTIR	-	As per Standard IR spectrum
12	Inner Diameter of Core	In-house	mm	76 +/- 1
13	Width	In-house	mm	Std. +/- 1