

Technical Data Sheet

UltraMaxB

(Non Toxic Food/Pharma Grade Material)

Complex : 250 μ PVC X 25μ PE x 120 GSM PVDC				
Color Range : Clear, OpaqueWhite & 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 ± 5%
3	Thickness of Rigid PE film	DIN 53370	microns	25 ± 7%
4	Total Thickness	DIN 53370	microns	350 ±5%
5	GSM of Rigid PVC film	DIN 2286	gm/m ²	340 ± 5%
6	GSM of Rigid PVDC film	DIN 2286	gm/m ²	120 ± 3
7	GSM of Rigid PE film	DIN 2286	gm/m ²	23 ± 7%
8	Total GSM	DIN 2286	gm/m ²	483 ± 5%
9	Dimensional Changes - Longitudinal	ASTM D1204	%	-5.0
	Dimensional Changes - Transversal			+2.0
10	Dart Impact Strength (from height of 1.52 mtrs)	ASTM D1709	gm	350 min.
11	Tensile Strength - Longitudinal	ASTM D882	kg/Sq.cm	450 min.
	Tensile Strength - Transverse			450 min.
12	Elongation - Longitudinal	ASTM D882	%	5 min.
	Elongation - Transverse			5 min.
13	WVTR @ 38°C & 90% RH	ASTM F1249	gm/m ² /24 hr.	0.11 Max.
14	OTR @ 23°C & 0% RH	ASTM D 3985	cc/m ² /24 hr.	0.50 Max.
15	Forming Temperature	In-house	°C	110 -170
16	Toxicity Test	USP Current Edition	-	Non-toxic
17	Residue VCM	ASTM D 3749	ppm	1 max
18	Identification - PVC	FTIR	-	As per Standard IR spectrum
19	Identification - PVDC	In-house	-	Color of PVdC layer shall turn brown
20	Heat Seal Strength	In-house	Kg/cm	0.30 min.
21	Global migration	2005/79/EC	ppm	< 60
22	Inner Diameter of Core	In-house	mm	76 +/- 1
23	Width	In-house	mm	Std. +/- 1