

Pharma pack™

Pharma pack TRIPAC

Sr. No.	Particulars	Test method reference	Specifications
1	Thickness	DIN 53370	200 +/- 10% 250 +/- 5% 300 +/- 5% 350 +/- 5%
2	Thickness of PE	DIN 53370	25/30/35/50 μ +/- 10%
2	GSM of PVDC (Dry)	DIN 53352	40 GSM +/- 5% 60 GSM +/- 5% 90 GSM +/- 5% 120 GSM +/- 5%
3	Total Thickness (Composite)	DIN 53370	= PVC thickness + PE thickness + (PVDC GSM / 1.65*) * density of PVDC in g/cc
4	Total GSM (Composite)	DIN 53352	= (PVC thickness X 1.35*) + (PE thickness X 0.92*) + PVDC GSM * density of PVC & PE in g/cc
3	Dimensional Stability	DIN 53377	LD - 6 % max TD + 2% max

4	Tensile strength	ASTM – D 882	LD & TD 450 kg/m² min
5	Elongation	ASTM – D 882	LD & TD 30%
6	Toxicity	USP - 31	Non toxic
7	Softening point	Din 53460	76 to 77 Deg. C.
8	Scotch tape test	In house	Coating should not come out
9	Impact Strength	DIN 53448	≥ 450 Kj/in²
10	VCM content	2002/72/EC	< 1 ppm
11	Global migration	2002/72/EC	< 10 ppm
12	WVTR at 38 Deg.C. & 90 % RH	DIN 53122	With 250 μ PVC/ 25 μ PE WVTR value 40 GSM ≤ 0.6 60 GSM ≤ 0.5 90 GSM ≤ 0.3 120 GSM ≤ 0.15
13	OTR at 23 Deg.C. & 85 % RH	Oxtran carrier gas method	With 250 μ PVC / 25μ PE OTR value 40 GSM ≤ 1.5 60 GSM ≤ 1.0 90 GSM ≤ 0.7 120 GSM ≤ 0.6

Physiological properties are in accordance with FDA & EC recommendations.