

Technical data sheet

PA

PVC

Characteristics

Plasticizer free, calendered rigid PVC film, suitable for pharmaceutical packaging.
Available in wide range of colors and thicknesses.
Excellent performance on Flat- Bed compressed air and Rotary blister packing machines.
Excellent clarity and thermoform ability hence most suitable to pack tablets, capsules in a blister form

Parameter	Description	Unit
Surface	Glossy/glossy	NA
Colours	Transparent clear, opaque white, customized	NA
Thickness	180 – 600 µm	µm
Grammage (Transparent)	g/m ² (PVC Thickness *1.35)	g/m ²
Yield (Transparent)	m ² /kg (1000 / Thickness * 1.35)	m ² / kg

Properties

Sr. No.	Particulars	Test method reference	Specifications
1	Thickness	DIN 53370	180 µm ± 10 % 200 µm ± 10 % 250 µm ± 5 % 300 µm ± 5 % 350 µm ± 5 % 400 µm ± 5 % 450 µm ± 5 % 500 µm ± 5 % 600 µm ± 5 %
2	GSM	DIN 53352	= (PVC thickness X 1.35*) g/m ² * Density of PVC in g/cc
3	Dimensional Stability	DIN 53377	LD – 5 % max TD + 2% max
4	Tensile strength	ASTM – D 882	LD & TD 450 kg/ m ² min
5	Elongation	ASTM – D 882	LD & TD 30%
6	Toxicity	USP - 31	Non toxic
7	Softening point	Din 53765	76 to 77 Deg. C.
8	WVTR at 38 Deg.C. & 90 % RH (Guide value)	DIN 53122	~ 3.0 gm/m ² /day Depending on thickness
9	OTR at 23 Deg.C. & 85 % RH (Guide value)	Oxtran carrier gas method	6 –18 cm ³ / m ² /day Depending on thickness
10	Impact Strength	DIN 53448	≥ 450 Kj/ in ²
11	VCM content	2002/72/EC	< 1 ppm
12	Global migration	2002/72/EC	< 10 ppm

Regulatory	Complies with the requirements of the European Pharmacopoeia and with Directive 2002/72/EC and amendments in their current version
	Complies with the relevant US Code of Federal Regulations CFR 21 and with the US Pharmacopoeia where applicable.
	Complies with Directive 94/62/EC and with US CONEG regulations.
	Formulation filed with FDA, DMF 15884 Type III.
	Production and quality controls according to cGMP rules