

PVDC coated PVC film for solid medicine packing

Technical Data Sheet

PVC/PVDC	250μm/40gsm ±0.02mm Reel Width: 30mm-1000 mm ±1mm Roll Weight : about 40KG
Appearance	Clear,Rolling up evenly and tightly,no variation or loose for inner core,,no stripe、stain、pierce.the point for 1.3mm is not exceed 3.
Color Reaction	After dropping a drop of morpholine on it,PVDC appears aurantium,PVC's color is no change.
Technical Details	PVDC coating weight difference ±7% g/m² Water Vapor Permeance ≤0.8(g/m²·24h)40g/m² Water Vapor Permeance ≤0.6(g/m²·24h)60g/m² Water Vapor Permeance ≤0.4(g/m²·24h)90g/m² Oxygen Transmission ≤1.0cm³/(m²·24h·0.1Mpa) Tensile Strength (Longitudinal/Transversal) ≥40Mpa Impact Resistance Less than 2 pieces broken Heat Expansion ±6% Bond Strength(Longitudinal/Transversal) ≥6.0N/15mm Residue ≤10mg/m² Vinyl Chloride Monomer(VCM) ≤1.0 ppm Vinylidene Chloride Monomer(VDCM) ≤3ppm
Core	Core (paper or per client's request): 76mm/152mm
Microbial Limit	Bacteria Number ≤15/100cm² Number of mould and saccharomycete ≤15/100cm²

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	Number of Escherichia Coli	not allowed
Chemical Performance	Easy Oxide	$\leq 2.0 \text{ ml.40g/m}^2$ (Titration)
	Heavy Metals	$\leq 1 \text{ ppm}$
	Non volatile substance	$\leq 10 \text{ mg}$
	Toxicity	Non toxic
Test Method	YBB00222005 as reference	

Features:

- 1, Customized products and colors can be developed to suit the specific cases.
- 2, The PVDC emulsion was imported from Solvin of Belgium.
- 3, Excellent barrier to vapor, CO₂, and odor, can keep the medicine's odour, resistance to alkal, grease and acid. Suitable for moisture and oxygen sensitive drugs, barrier odor adsorption of drugs, longer shelf-life requirement drugs.
- 4, Easy to process and heat seal, it suitable for many kind of printing technology and inks.
- 5, Cost-saving, it can be used in the PVC's machine, no need to buy other equipment.
- 6, Non toxicity, comply with all regulation of pharmaceutical and food packaging.

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