

TEKNIFLEX® VM100

PVC Film

Tekni-Films, a div of Tekni-Plex

Message:

Thermoformable, FDA-compliant, Pharmaceutical Grade Monolayer PVC. Tekni-Plex offers a wide range of PVC films to meet both performance and cost requirements.

General Information		
Uses	Pharmaceuticals	
	Thermoforming Applications	
Agency Ratings	DMF 1378	
	EP Monograph 3.1.3	
	EP Monograph 3.1.6	
	EU 2002/72/EC	
	EU 94/62/EC	
	FDA 21 CFR 177.1520	
	FDA Unspecified Rating	
Appearance	Clear/Transparent	
Forms	Film	
Processing Method	Thermoforming	
Physical	Nominal Value	Unit
Specific Gravity	1.36	g/cm ³
Dimensional Stability ¹ (140°C)	-4.0 to 4.0	%
Films	Nominal Value	Unit
Film Thickness ²	254	µm
Yield	2.89	m ² /kg
Roll Width ³	< 110.00	cm
Thermoforming Molding Temperature	100 to 160	°C
Tensile Strength - MD (Yield)	40.0	MPa
Oxygen Transmission Rate (23°C, 100% RH)	19	cm ³ /m ² /24 hr
Water Vapor Transmission Rate (38°C, 90% RH)	3.1	g/m ² /24 hr
Optical	Nominal Value	Unit
Haze	3.0	%
NOTE		
1.	10 minutes	
2.	Thickness tolerance: ±10%	
3.	Roll width tolerance: ±1.5 mm	

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