

# TEKNIFLEX® PP300

PP Film

Tekni-Films, a div of Tekni-Plex

## Message:

Thermoformable, FDA-compliant, Halogen free Pharmaceutical-Grade PP-film.  
Tekniflex® PP300 is an unconventionally extruded homo polypropylene sheet that has excellent clarity and is easier to thermoform than PP sheet made with conventional extrusion technology.

General Information		
Features	Halogen Free	
	High Clarity	
	Homopolymer	
Uses	Pharmaceuticals	
	Thermoforming Applications	
Agency Ratings	DMF 1378	
	EP Unspecified Rating	
	FDA Unspecified Rating	
	USP Unspecified Rating	
Appearance	Clear/Transparent	
Forms	Film	
	Sheet	
Processing Method	Thermoforming	
Physical	Nominal Value	Unit
Specific Gravity	0.905	g/cm <sup>3</sup>
Dimensional Stability <sup>1</sup> (140°C)	< 1.5	%
Films	Nominal Value	Unit
Film Thickness <sup>2</sup>	300	µm
Yield	3.50 to 3.86	m <sup>2</sup> /kg
Roll Width <sup>3</sup>	< 125.00	cm
Thermoforming Molding Temperature	135 to 145	°C
Tensile Strength - MD (Yield)	40.0	MPa
Oxygen Transmission Rate (23°C, 100% RH)	< 500	cm <sup>3</sup> /m <sup>2</sup> /24 hr
Water Vapor Transmission Rate (38°C, 90% RH)	0.84	g/m <sup>2</sup> /24 hr
NOTE		
1.	30 minutes	

2.	Thickness tolerance: $\pm 5\%$
3.	Roll width tolerance: $\pm 1.5$ mm

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