

NatureFlex™ 450NPU

Regenerated Cellulose

Innovia Films Ltd.

Message:

Non Heat-sealable Tape Base Films

NPU films have been developed for use as a base for the manufacture of adhesive tapes.

General Information			
Features	Antistatic Compostable High Clarity High Gloss Renewable Resource Content		
Uses	Film Packaging Tape		
Appearance	Clear/Transparent		
Forms	Film		
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic	0.25		
vs. Itself - Static	0.70		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	31	µm	
Secant Modulus			ASTM D882
1% Secant, MD : 31 µm	> 3000	MPa	
1% Secant, TD : 31 µm	> 1500	MPa	
Tensile Strength			ASTM D882
MD : Yield,31 µm	125	MPa	
TD : Yield,31 µm	70.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 31 µm	22	%	
TD : Break, 31 µm	70	%	
Oxygen Transmission Rate (Wet) (23°C, 31 µm, 0.0% RH)	1.00	cm ³ /m ² /24 hr	ASTM F1927
Yield (31.2 µm)	22.2	m ² /kg	Internal Method

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