

Capran® 526

Polyamide

Honeywell

Message:

CAPRAN® 526 is a blue tinted, heat-stabilized blown film produced from modified nylon resin. It is available in widths up to 60 inches as layflat tubing and 120 inches as slit tubing. Thicknesses are 2.0 and 3.0 mils. Blown film is recommended as bagging film for advanced composite fabrication and other high temperature applications where softness, workability or anti-static characteristics are essential. In addition, CAPRAN® 526 has excellent heat stability and resistance to pinholing and can be used at temperatures up to 450°F (232°C) for typical composite cure cycle times.

General Information			
Additive	Antistatic property heat stabilizer		
Features	Antistatic property Workability, good Thermal Stability Thermal stability, good Soft		
Uses	Films		
Appearance	Transparent-Light Blue		
Forms	Films		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	51	µm	
Secant Modulus - MD (51 µm)	517	MPa	ASTM D882
Tensile Strength - MD			ASTM D882
Yield, 51 µm	34.5	MPa	ASTM D882
Break, 51 µm	103	MPa	ASTM D882
Tensile Elongation - MD (Break, 51 µm)	400	%	ASTM D882
Elmendorf Tear Strength - MD (51 µm)	100	g	ASTM D1922
Thermal	Nominal Value	Unit	Test Method
Peak Crystallization Temperature (DSC)	257 - 259	°C	ASTM D3418
Additional Information			
Dimensional Stability, ASTM D1204, 30 mins, 300°F: <1% shrinkage			

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Recommended distributors for this material

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