AeroWindTech
www.aerowindtech.com

AWTVF-HS8171-666
Bagging Film

AWTVF- HS8171-666 is a green tinted heat stabilized blown film produced from modified nylon resin. It is recommended as a bagging film for advanced composite fabrication and other high temperature applications where softness and workability are essential. AWTVF-HS8171-666 has excellent heat stability and resistance to pin-holing. AWTVF-HS8171-666 is available in sheet, tube, and V-sheet in widths up to 80".

Product Specifications		
Thickness (ASTM D6988)		Yield (calculated)
Average	Single Point Minimum	
2.00 mils (50.8 microns) ± 12%	1.70 mils (43.2 microns)	12,234 in^2/lb. (17.4 m^2/kg) ± 12%
3.00 mils (76.2 microns) ± 12%	2.55 mils (64.8 microns)	8,156 in^2/lb. (11.6 m^2/kg) ± 12%

Properties at 73°F(23°C) - 50%RH	Typical Value		Test Method
	English	Metric	
The properties presented in this data table are typical values and are not to be interpreted as product specifications.			
Tensile Strength @ break	15,000 psi	103 MPa	ASTM D882
Elongation @ break	400%		ASTM D882
Modulus, Secant	80,000 psi	552 MPa	ASTM D882
Melting Point	406°F	208°C	DSC
Maximum Recommended Use Temperature (1)	375°F	190°C	-----

AWTVF- HS8171-666, like all nylon films, is a hydrophilic or water-sensitive material. Moisture and water act as plasticizers. The higher the moisture content of the film, the more flexible it becomes. The lower the plasticizer content, the stiffer it becomes. The level of moisture content at time of use is an important factor for successful performance.

NOTE: (1) The maximum recommended use temperature is a function of the duration at maximum temperature and is process specific.

PH: + 1 817 438 4777 / FAX: + 1 940 294 1429 ADDRESS: 2411 E. FM917 # 200 Mansfield, TX 76063 – USA
EMAIL: sales@aerowindtech.com