

NYLON SOLUTIONS

Stretch-Vac 2000 HM Pink Tinted, Heat-stabilized Blown Film

Description

Stretch-Vac 2000 HM from AdvanSix is a pink tinted, high elongation, heat-stabilized blown film produced from modified polyamide resin. It is recommended as a bagging film for advanced composite fabrication where flexibility under adverse atmospheric conditions is essential. It requires fewer pleats than conventional bagging films and has better flex crack resistance. Stretch-Vac 2000 HM is available in sheet, tube and V-sheet in widths ranging from 48" to 80".

Product Specifications			
Thickness (ASTM D-6988)			Yield (calculated)
Typical Average	Maximum Average	Single Point Minimum	
3.50 mils (88.9 microns)	3.75 mils (95.3 microns)	3.00 mils (76.2 microns)	6,977 in ² /lb (9.9 m ² /kg) ± 12%

Properties @ 73°F (22.7°C), 50% RH	Typical Values		Test Method
	English	Metric	
Tensile Strength @ Break	13,000 psi	90 MPa	ASTM D-882
Elongation @ Break	400%		ASTM D-882
Modulus, Secant	90,000 psi	621 MPa	ASTM D-882
Melting Temperature (T _m)	424°F	218°C	DSC
Maximum Recommended Use Temperature ¹	400°F	204°C	–

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

Stretch-Vac 2000 HM, 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.

The values presented in this data sheet are typical values and are not to be interpreted as product specifications.

Contact AdvanSix

To learn more about the benefits of Stretch-Vac® films, visit AdvanSix.com/NylonSolutions or call: **1-844-890-8949** (toll free, U.S./Can.) **+1-973-526-1800** (international)

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