



TECHNICAL DATA SHEET

HTF-510
Heat Stabilized Nylon Film

DESCRIPTION:

HTF-510 is a clear (low haze level), heat-stabilized flat cast film produced from a modified nylon 6,6 resin.

FEATURES/BENEFITS:

Flat cast film is recommended as a bagging film for advanced composite fabrication and other high-temperature applications where dimensional stability, adherence to sealant tape and uniform film gauge are essential. HTF-510 has excellent heat stability and resistance to pinholing.

TECHNICAL DATA:

	TYPICAL VALUES
Tensile Strength, psi:	17000
Elongation, %:	400
Tensile Modulus, ksi:	100
Maximum Use Temperature, °F(°C)	480 (250)
Melting Point DCS, °F(°C)	510 (265)

Environmental conditions may effect physical properties of nylon films.
Recommended relative humidity of area where nylon film is in use is 40-60%

Note: Ideal storage conditions are 50-70°F(10-21°C) and 40-60% relative humidity and wrapped to prevent contamination.

AVAILABILITY:

Widths: 10"-88"

Thicknesses: .002", .003", .004"

Technical information furnished is based on laboratory findings and is believed to be correct. No warranties of any kind are made except that the materials are of standard quality. All risk and liabilities arising from handling, storage and use of product, as well as compliance with applicable legal restrictions rest with the buyer. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.