



3/4/2010

Material Typical Values

Material Descriptions: Cast Matte Nylon Film – Natural Coloration

Made with Polyamide 6. Film offers excellent high temperature resistance, oxygen barrier, grease resistance and mechanical properties. FDA approved for direct food contact.

BPI Designation: MR100T Nylon

Film Typical Values:

Film Trait	Typical Values	Units
Yield (Thickness)	2.0	Mil
Coverage	12,100	Sq.in./Lb
Emboss Pattern	Matte	--
Emboss Thickness	2.8	Mil
Web Width	As ordered	Inches
Roll Length	As ordered	Feet
Roll Weight	As ordered	Pounds

Physical Properties Typical Values:

Physical Property	Test Direction	Typical Values	Units
Tensile Elongation	Machine Direction	350	(%)
Tensile Elongation	Transverse Direction	320	(%)
Tensile Strength	Machine Direction	12,500	(psi)
Tensile Strength	Transverse Direction	9,000	(psi)
Tear	Machine Direction	140	grams
Tear	Transverse Direction	135	grams
Modulus (1% Secant)	Machine Direction	50,000	(psi)
Modulus (1% Secant)	Transverse Direction	36,000	(psi)

These are typical values expected for the aforementioned product only. These typical values are not to be considered a specification for these properties. Typical values cannot be considered specific rejection criteria. If these properties, or others, are a requisite for the film, a true specification can be developed and provided after sufficient production experience.

Bloomer Plastics, Inc.

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