

## Honeywell Capran® Emblem,ç 1200Matte Matte Coated Bi-Axially Oriented Nylon Film

Category : Polymer , Film , Thermoplastic , Nylon

### Material Notes:

Description: Capran® Emblem,ç 1200Matte is a bi-axially oriented nylon film. It is a versatile and robust film that satisfies many packaging needs, and has superior resistance to oils, fats, hydrocarbons, and many solvents. It is also microwavable, making it an excellent choice for lidding stock. 1200Matte film has a matte appearance on one side. The matte surface provides superior scuff resistance while maintaining excellent contact clarity. Applications: thermal lamination films used in book cover applications. Information provided by Honeywell.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Honeywell-Capran-Emblem-1200Matte-Matte-Coated-Bi-Axially-Oriented-Nylon-Film.php](http://www.lookpolymers.com/polymer_Honeywell-Capran-Emblem-1200Matte-Matte-Coated-Bi-Axially-Oriented-Nylon-Film.php)

Physical Properties	Metric	English	Comments
Density	1.16 g/cc	0.0420 lb/in <sup>3</sup>	Yield Density
Thickness	14.0 microns	0.550 mil	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	65 - 100 %	65 - 100 %	ASTM D882
Film Elongation at Break, TD	65 - 100 %	65 - 100 %	ASTM D882
Secant Modulus, MD	2.59 - 3.45 GPa	376 - 500 ksi	ASTM D882
Secant Modulus, TD	2.59 - 3.45 GPa	376 - 500 ksi	ASTM D882
Coefficient of Friction	0.40 - 0.50	0.40 - 0.50	film to stainless steel; ASTM D1894
	0.50 - 0.60	0.50 - 0.60	film to film; ASTM D1894
Tear Strength Test	1100 - 1300	1100 - 1300	graves tear, grams/mil (initial); ASTM D1004
Film Tensile Strength at Break, MD	193 - 276 MPa	28000 - 40000 psi	ASTM D882
Film Tensile Strength at Break, TD	193 - 276 MPa	28000 - 40000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Shrinkage, MD	1.0 - 2.0 %	1.0 - 2.0 %	320°F / 160°C - 5 minutes; ASTM D1204
Shrinkage, TD	0.00 - 0.50 %	0.00 - 0.50 %	320°F / 160°C - 5 minutes; ASTM D1204

Optical Properties	Metric	English	Comments
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Gloss Optical Properties	6.5 - 8.5 % Metric	6.5 - 8.5 % English	at 20A° Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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