

QualisTM Technical Data Sheet 6508

Film, Embossing, and Fabrication Services

7/03

Honeycomb Pattern

Part Number/Identifier: 92GA-HON

PRODUCT DESCRIPTION

The connected hexagonal pattern is a 92 gauge polyester film that provides a deep, crisp texture with excellent uniformity.

PRODUCT USES

The Honeycomb Pattern film provides texture in the fiberglass reinforced industry and is popular in the window shade market.

PHYSICAL PROPERTIES

Properties	Typical Values		Test Method
	English	Metric	
Optical TLY	87.0%	87.0%	ASTM D1003
Physical C.O.F. (dynamic) A-B	0.3	0.3	ASTM D1894
Elongation at Break MD	140%	140%	ASTM D882A
Elongation at Break TD	90%	90%	ASTM D882A
Tensile Strength MD	33,000 psi	228 MPa	ASTM D882A
Tensile Strength TD	33,000 psi	248 MPa	ASTM D882A
Yield Strength MD	15,000 psi	143 MPa	ASTM D882A
Yield Strength TD	15,000 psi	143 MPa	ASTM D882A
Thermal Shrinkage MD (374°F/190°C)	3.5%	3.5%	Unrestrained @ 374°F (190°C)/5 min
Shrinkage TD (374°F/190°C)	2.3%	2.3%	Unrestrained @ 374°F (190°C)/5 min

CUSTOM ORDER PROPERTIES

Width	Length	Weight
Can be cut into widths from 2" up to 72"	Rolls up to 4,500 LF	143 ft ² per pound of film

Disclaimer Note: These values are typical performance data for polyester film; they are not intended to be used as design data. We believe this information is the best currently available on the subject. It is offered as a possible helpful suggestion in experimentation you may care to undertake along these lines. It is subject to revision as additional knowledge and experience is gained. DuPont Teijin Films and Kemlite Company, Inc. make no guarantee of results and assumes no obligation or liability whatsoever in connection with this information. This publication is not a license to operate under, or intended to suggest infringement of, any existing patents.

Test information provided by DuPont Teijin FilmsTM.
Honeycomb Pattern is available in all gauges upon special request.

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