

# Qualis<sup>TM</sup> Technical Data Sheet 6521

Film, Embossing, and Fabrication Services

12/03

## Laminated Services

Part Number/Identifier: R06261 and R06262

### PRODUCT DESCRIPTION

Low density polyethylene netting laminated to a 92 gauge polyester film.

### PRODUCT USES

Used as interstitial material for double wall storage tanks.

### PHYSICAL PROPERTIES OF 92 GAUGE POLYESTER FILM

Properties	Typical Values		Test Method
	English	Metric	
<b>Optical</b>			
TLY	87.0%	87.0%	ASTM D1003
<b>Physical</b>			
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
<b>Thermal</b>			
Shrinkage MD (374F/190C)	3.5%	3.5%	Unrestrained @ 374F (190C)/5 min
Shrinkage TD (374F/190C)	2.3%	2.3%	Unrestrained @ 374F (190C)/5 min

### PHYSICAL PROPERTIES OF NETTING

Properties	Typical Values	
	English	Metric
Product Weight	140 pmsf	683.480 gsm
MD Strand Count	35 strands/10"	13.78 strands/10cm
TD Strand Count	30 strands/10"	11.811 strands/10cm
MS Mesh Size	0.286" strand to strand	7.257mm strand to strand
TD Mesh Size	0.333" strand to strand	8.467mm strand to strand
TD Break Load	76.5 lbs per 3"	446.573 N per 10cm
Thickness	0.15"	3.81mm

## IDENTIFIER PROPERTIES

Part Number Identifier	Product Name	Size
R06261	Laminated Gutter Netting	2" - 55" x 50' Roll (50.8mm - 1.37m x 15m)
R06262	Laminated Square Netting	2" - 55" x 100' Roll (50.8mm - 1.37m x 30m)

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 assume 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 Films™.

**Polyester Film is available in all gauges upon special request.**