

QualisTM 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 | |
| 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 (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.