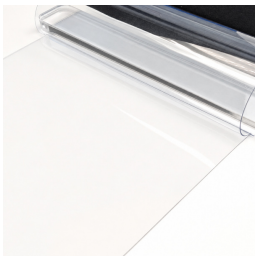
# TECHNICAL DATA SHEET

## Clear PVC film

A transparent calendered PVC film for flexible outdoor enclosure windows.



### MATERIAL SPECIFICATIONS

| | |
|---|---|
| Technology | Calendering |
| Feature | Water quench |
| Hardness | 20-60 PHR According to customer’s requirements |
| UV resistetant | 3.5 ASTM G154-06 Standard |
| Transparency | Super clear / Crystal clear |
| Thickness | 0.7mm |
| Max width | 2.8meters |
| Vicat softening point | 75°C |
| Packing | PE foam or kraft paper with clear film or color film; |
| Certification | Reach/RoHS; Anti UV; Anti Cold; Anti Static; Fire Retardent |

### AVAILABLE CONFIGURATIONS

| ITEM | PHR | 30PHR↓ | 31~40 | 41~50 | 51~60 | Test method |
|---|---|---|---|---|---|---|
| Tensile strength (kg/cm²) | MD | ≥250 | ≥230 | ≥210 | ≥180 | ASTM D-882 |
| Tensile strength (kg/cm²) | CD | ≥230 | ≥210 | ≥190 | ≥170 | ASTM D-882 |
| Elongation (%) | MD | ≥170 | ≥200 | ≥220 | ≥260 | ASTM D-882 |
| Elongation (%) | CD | ≥180 | ≥220 | ≥240 | ≥280 | ASTM D-882 |
| Tear strength (kg/mm) | MD | ≥9 | ≥7 | ≥6 | ≥5 | ASTM D-882 |
| Tear strength (kg/mm) | CD | ≥9 | ≥7 | ≥6 | ≥5 | ASTM D-882 |

# TECHNICAL DATA SHEET

| ITEM | PHR | 30PHR↓ | 31~40 | 41~50 | 51~60 | Test method |
|---|---|---|---|---|---|---|
| ITEM | Thickness (mm) / PHR | 30PHR↓ | 31~40 | 41~50 | 51~60 | Test method |
| Dimensional stability (-%) | 0.09m/m↓ | ≤5 | ≤7 | ≤9 | ≤9 | ASTM D-882 |
| Dimensional stability (-%) | 0.091-0.152 | ≤4 | ≤6 | ≤7 | ≤8 | ASTM D-882 |
| Dimensional stability (-%) | 0.153-0.254 | ≤3 | ≤5 | ≤6 | ≤7 | ASTM D-882 |
| Dimensional stability (-%) | 0.255-0.50 | ≤3 | ≤4 | ≤4 | ≤5 | ASTM D-882 |

Values and available configurations are reproduced from the current material specification. Where a table lists several configurations, agree the selected construction for the order.

Listed fire-test grades or optional treatments do not certify every supplied configuration or finished product. Any test report applies to its submitted sample and stated test conditions.